

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081617\
 Data File : BF097756.D
 Acq On : 16 Aug 2017 23:22
 Operator : SJ/JU
 Sample : I4739-06 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S11-WC-6

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	4.963	486	489	494	rBV	52908	52166	3.44%	0.240%
2	5.375	555	559	563	rBV	756804	644537	42.48%	2.964%
3	6.398	729	733	740	rVB	890551	709641	46.77%	3.264%
4	6.539	754	757	761	rBV	807419	682111	44.96%	3.137%
5	6.781	794	798	801	rBV	1309327	1052408	69.37%	4.840%
6	6.933	820	824	827	rBV	642090	494757	32.61%	2.275%
7	7.333	888	892	896	rBV	455224	403539	26.60%	1.856%
8	8.063	1011	1016	1019	rBV	1696581	1361426	89.74%	6.261%
9	9.139	1195	1199	1202	rBV	760425	652839	43.03%	3.002%
10	9.474	1252	1256	1258	rBV	29531	24134	1.59%	0.111%
11	9.533	1263	1266	1270	rBV	85165	68542	4.52%	0.315%
12	9.674	1287	1290	1293	rBV	21424	17104	1.13%	0.079%
13	9.816	1309	1314	1317	rBV2	1572693	1316285	86.76%	6.053%
14	9.845	1317	1319	1323	rVB	126208	100610	6.63%	0.463%
15	9.974	1336	1341	1346	rBV4	16348	21375	1.41%	0.098%
16	10.016	1346	1348	1351	rVB	55355	44188	2.91%	0.203%
17	10.221	1379	1383	1385	rBV3	16617	18211	1.20%	0.084%
18	10.357	1403	1406	1413	rVB	78897	77584	5.11%	0.357%
19	10.427	1413	1418	1420	rBV	27331	33313	2.20%	0.153%
20	10.521	1431	1434	1437	rVB	37260	35625	2.35%	0.164%
21	10.598	1443	1447	1452	rBV	427223	355415	23.43%	1.634%
22	10.727	1466	1469	1477	rVB2	43443	50523	3.33%	0.232%
23	10.910	1494	1500	1503	rBV4	28744	46426	3.06%	0.214%
24	11.039	1516	1522	1523	rBV2	44180	50610	3.34%	0.233%
25	11.098	1530	1532	1537	rVB2	40009	43086	2.84%	0.198%
26	11.151	1537	1541	1543	rBV	31429	41868	2.76%	0.193%
27	11.192	1547	1548	1557	rVB2	45639	49326	3.25%	0.227%
28	11.298	1562	1566	1568	rBV	1298876	1117434	73.65%	5.139%
29	11.321	1568	1570	1573	rVV	1061685	766896	50.55%	3.527%
30	11.374	1573	1579	1582	rVB	232816	213958	14.10%	0.984%
31	11.404	1582	1584	1587	rBV2	26445	23098	1.52%	0.106%
32	11.474	1594	1596	1600	rVB3	18704	19786	1.30%	0.091%
33	11.527	1600	1605	1607	rBV2	33133	36872	2.43%	0.170%
34	11.598	1614	1617	1620	rBV2	48178	41851	2.76%	0.192%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.798	1646	1651	1653	rBV	118158	101838	6.71%	0.468%
36	11.827	1653	1656	1660	rVB	171010	142339	9.38%	0.655%
37	11.874	1660	1664	1666	rBV	81962	79085	5.21%	0.364%
38	11.910	1666	1670	1672	rVV	202557	216882	14.30%	0.997%
39	11.933	1672	1674	1679	rVB	86626	72822	4.80%	0.335%
40	12.098	1699	1702	1703	rBV	90524	82160	5.42%	0.378%
41	12.115	1703	1705	1709	rVB2	56314	45994	3.03%	0.212%
42	12.245	1724	1727	1730	rBV	34470	29157	1.92%	0.134%
43	12.274	1730	1732	1734	rVV	27680	25054	1.65%	0.115%
44	12.298	1734	1736	1738	rVB2	40354	31659	2.09%	0.146%
45	12.345	1740	1744	1747	rBV	80125	87502	5.77%	0.402%
46	12.386	1747	1751	1752	rVV2	42636	51166	3.37%	0.235%
47	12.427	1756	1758	1764	rVB3	75547	85364	5.63%	0.393%
48	12.510	1768	1772	1775	rBV	1322255	1123428	74.05%	5.166%
49	12.639	1790	1794	1795	rBV3	26303	36405	2.40%	0.167%
50	12.657	1795	1797	1802	rVV	45487	60165	3.97%	0.277%
51	12.739	1805	1811	1814	rVV	1155441	1258323	82.94%	5.787%
52	12.786	1816	1819	1825	rVB2	48291	70511	4.65%	0.324%
53	12.857	1825	1831	1832	rBV2	65660	60960	4.02%	0.280%
54	12.880	1832	1835	1841	rVB	496107	481289	31.72%	2.213%
55	12.957	1842	1848	1851	rBV3	74036	117469	7.74%	0.540%
56	13.039	1859	1862	1864	rBV2	57462	71671	4.72%	0.330%
57	13.062	1864	1866	1869	rVB	115381	99796	6.58%	0.459%
58	13.098	1869	1872	1874	rBV3	19511	20186	1.33%	0.093%
59	13.127	1874	1877	1880	rBV2	81626	63901	4.21%	0.294%
60	13.168	1880	1884	1886	rBV	118817	128504	8.47%	0.591%
61	13.198	1886	1889	1891	rVB2	31047	32357	2.13%	0.149%
62	13.227	1891	1894	1896	rBV	26429	22752	1.50%	0.105%
63	13.257	1896	1899	1902	rVB	65232	59374	3.91%	0.273%
64	13.292	1902	1905	1909	rBV2	64142	70708	4.66%	0.325%
65	13.368	1914	1918	1925	rBV5	28289	57966	3.82%	0.267%
66	13.468	1932	1935	1938	rBV4	24695	23813	1.57%	0.110%
67	13.568	1947	1952	1957	rBV	77000	96482	6.36%	0.444%
68	13.680	1966	1971	1974	rBV3	68350	113464	7.48%	0.522%
69	13.709	1974	1976	1978	rVV	105507	89886	5.92%	0.413%
70	13.733	1978	1980	1984	rVV2	79498	115178	7.59%	0.530%
71	13.774	1984	1987	1994	rVB2	82828	119552	7.88%	0.550%

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72	13.933	2006	2014	2016	rBV2	1119421	1517156	100.00%	6.977%
73	13.957	2016	2018	2021	rVB	489930	370491	24.42%	1.704%
74	14.033	2029	2031	2034	rVB	80254	68646	4.52%	0.316%
75	14.115	2042	2045	2048	rVB2	41319	38589	2.54%	0.177%
76	14.151	2048	2051	2055	rVV3	38894	54202	3.57%	0.249%
77	14.186	2055	2057	2060	rVB3	28414	22028	1.45%	0.101%
78	14.251	2066	2068	2071	rVB4	22710	19881	1.31%	0.091%
79	14.280	2071	2073	2075	rBV	37978	33086	2.18%	0.152%
80	14.315	2075	2079	2082	rVV	110650	117024	7.71%	0.538%
81	14.351	2082	2085	2088	rVV2	60344	60329	3.98%	0.277%
82	14.409	2092	2095	2098	rVV3	62780	85306	5.62%	0.392%
83	14.439	2098	2100	2102	rVV	57969	53398	3.52%	0.246%
84	14.462	2102	2104	2107	rVB4	42927	44101	2.91%	0.203%
85	14.568	2119	2122	2125	rBV3	20908	20191	1.33%	0.093%
86	14.615	2127	2130	2133	rBV2	37223	36765	2.42%	0.169%
87	14.692	2141	2143	2146	rBV4	25984	27779	1.83%	0.128%
88	14.774	2155	2157	2159	rBV2	22841	23737	1.56%	0.109%
89	14.862	2169	2172	2175	rBV5	28885	27639	1.82%	0.127%
90	14.951	2182	2187	2190	rBV	437356	650776	42.89%	2.993%
91	15.051	2201	2204	2208	rVB	99118	113692	7.49%	0.523%
92	15.245	2232	2237	2242	rVB	254905	334715	22.06%	1.539%
93	15.303	2242	2247	2252	rBV	392895	458341	30.21%	2.108%
94	15.362	2252	2257	2260	rBV	612638	741433	48.87%	3.410%
95	15.392	2260	2262	2265	rVB	88424	81805	5.39%	0.376%
96	16.333	2418	2422	2428	rVB6	26172	48160	3.17%	0.221%
97	16.756	2488	2494	2504	rVB2	140941	286585	18.89%	1.318%
98	16.980	2529	2532	2536	rVB4	22200	31037	2.05%	0.143%
99	17.174	2559	2565	2574	rBV	108276	208764	13.76%	0.960%
100	17.392	2599	2602	2609	rVB	28745	56258	3.71%	0.259%

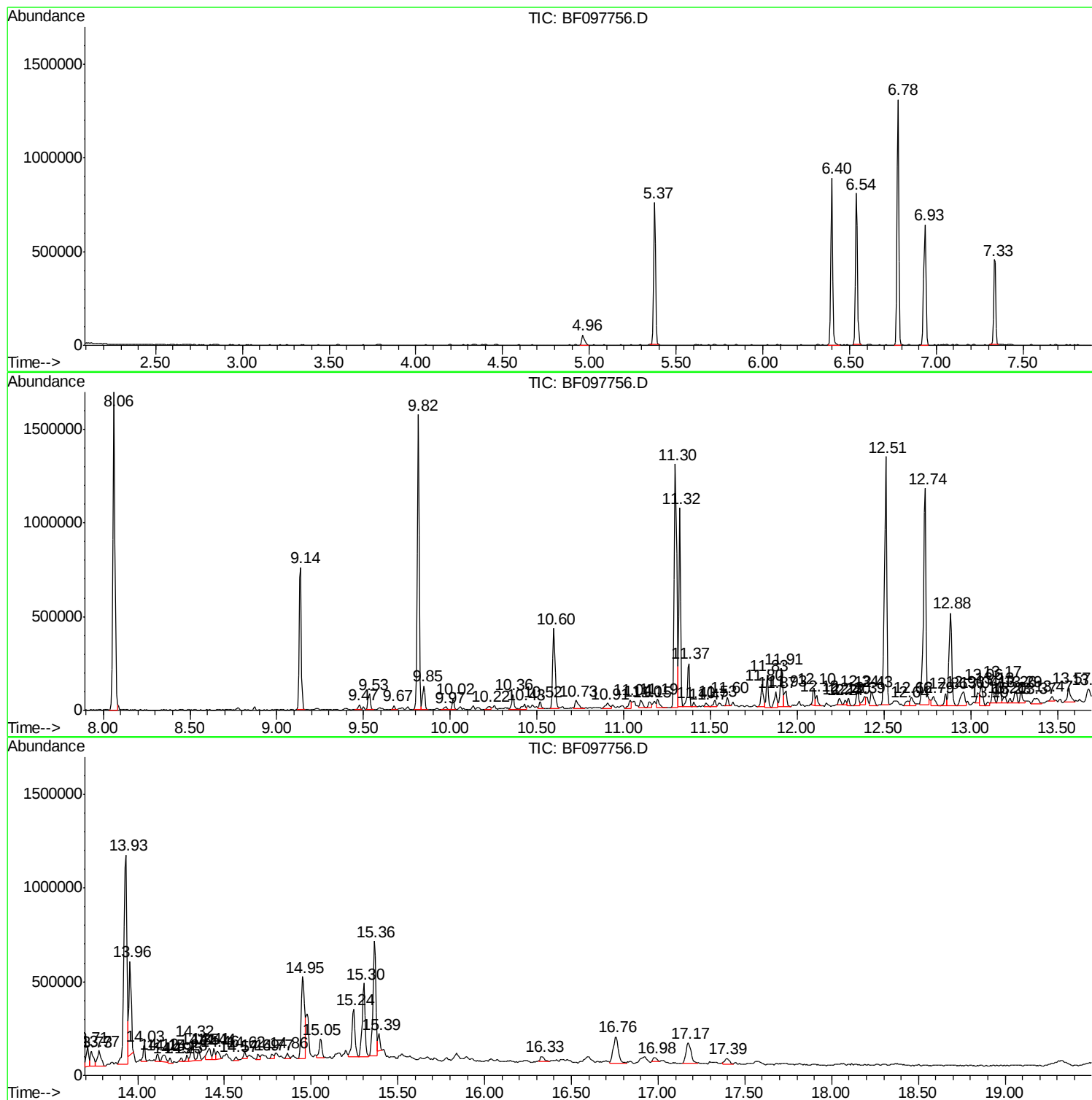
Sum of corrected areas: 21744620

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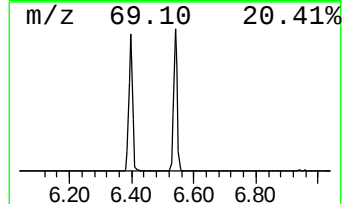
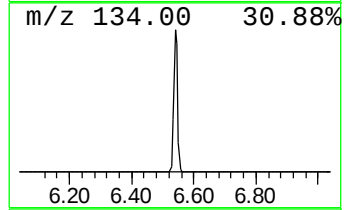
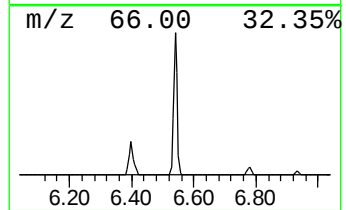
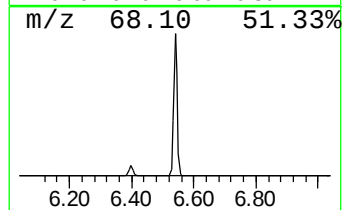
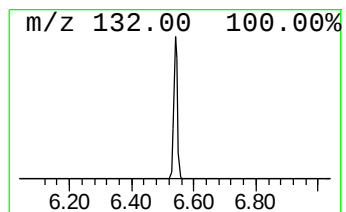
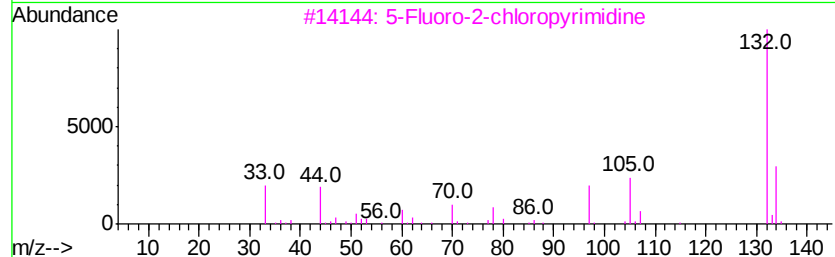
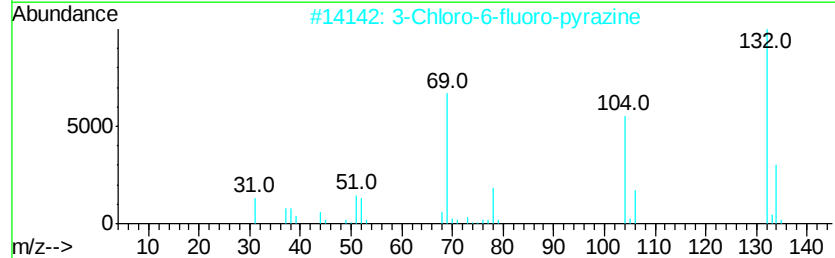
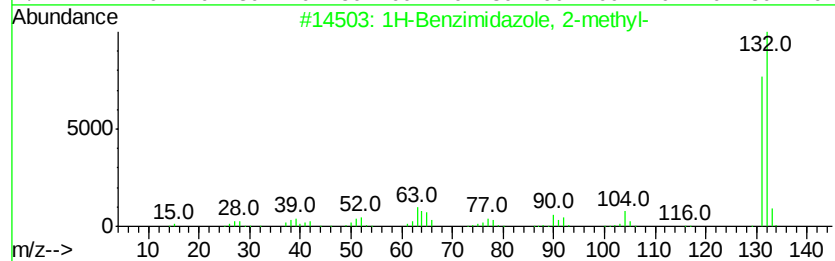
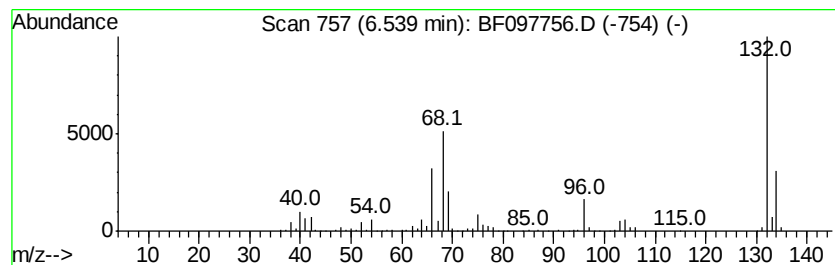
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 1H-Benzimidazole, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	12.96 ng	682111	1,4-Dichlorobenzene-d4	6.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	10
5		2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10



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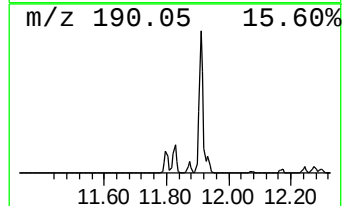
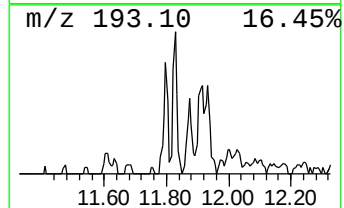
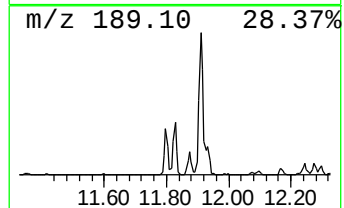
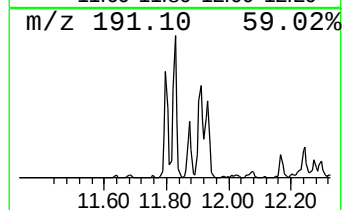
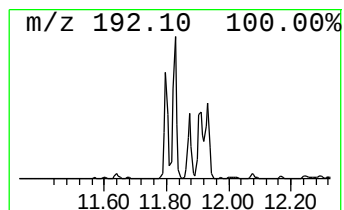
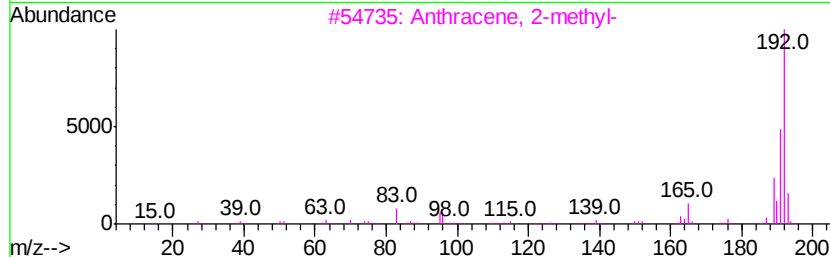
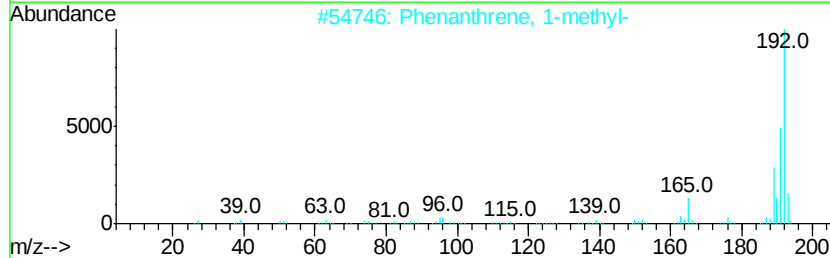
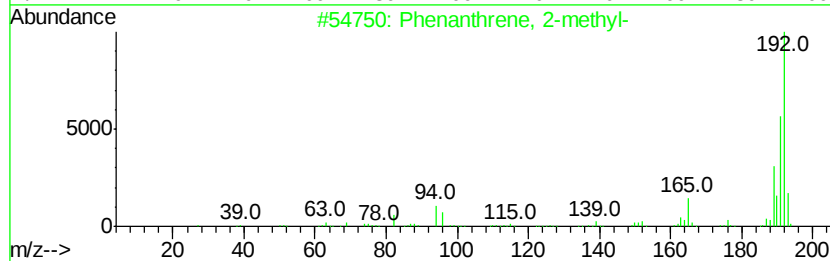
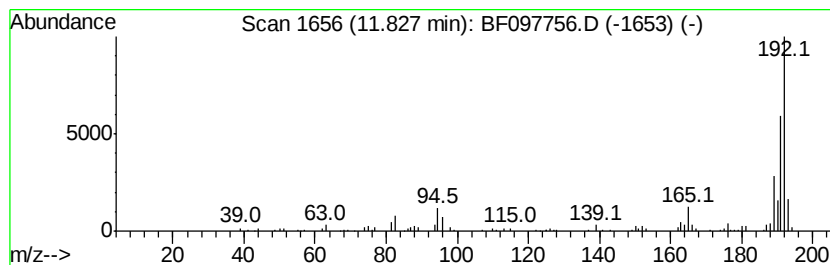
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	2.55 ng	142339	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95



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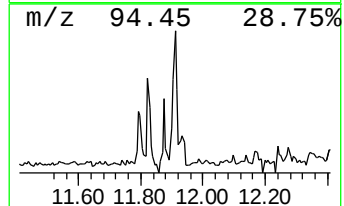
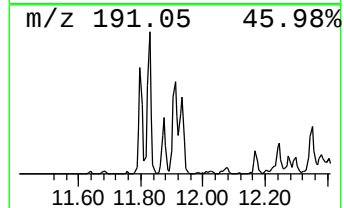
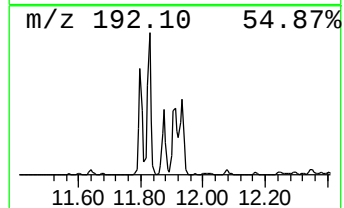
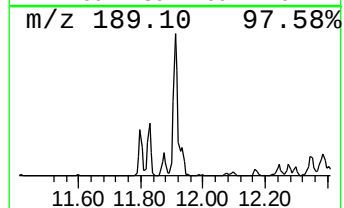
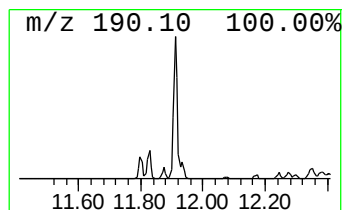
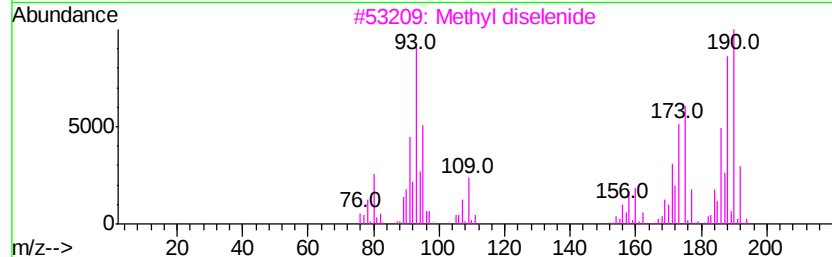
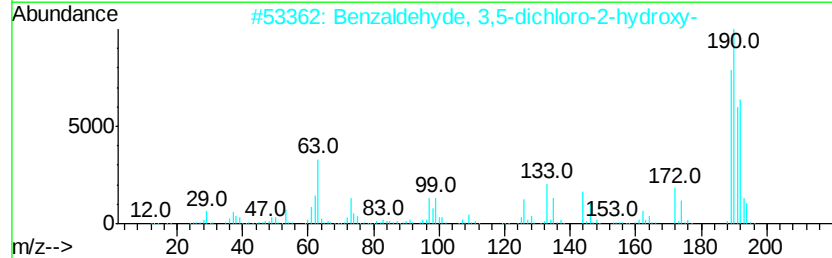
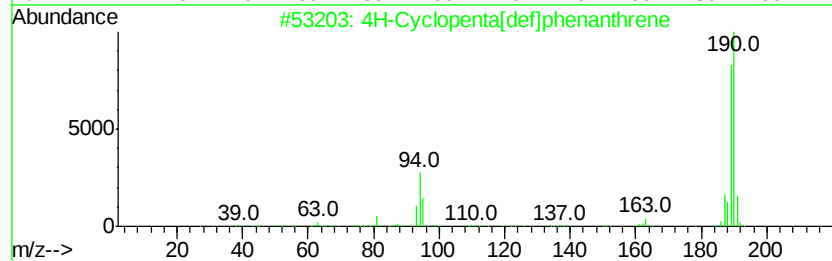
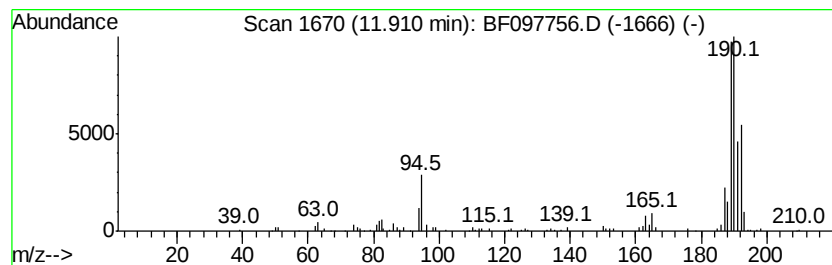
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Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	3.88 ng	216882	Phenanthrene-d10	11.30

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	47
3		Methyl diselenide	190	C2H6Se2	007101-31-7	38
4		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	20
5		Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081617\
Data File : BF097756.D
Acq On : 16 Aug 2017 23:22
Operator : SJ/JU
Sample : I4739-06 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S11-WC-6

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1H-Benzimidazole,...	6.54	13.0	ng	682111	1	6.78	1052410	20.0
Phenanthrene, 2-m...	11.83	2.5	ng	142339	4	11.30	1117430	20.0
4H-Cyclopenta[def...	11.91	3.9	ng	216882	4	11.30	1117430	20.0