

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121217\
 Data File : BF101344.D
 Acq On : 12 Dec 2017 21:47
 Operator : SJ/JU
 Sample : I6822-11 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(0-2)

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-BF113017.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	5.028	497	500	505	rBV2	8332	10114	2.58%	0.222%
2	5.440	567	570	586	rBV	153193	180634	46.14%	3.971%
3	6.457	740	743	754	rBV	166238	188916	48.25%	4.153%
4	6.592	762	766	773	rBV	243618	203455	51.97%	4.473%
5	6.822	802	805	814	rBB	271584	221509	56.58%	4.870%
6	6.975	828	831	842	rBB	188844	158528	40.49%	3.485%
7	7.386	898	901	913	rBV	114666	111113	28.38%	2.443%
8	7.734	958	960	964	rVB	5001	4327	1.11%	0.095%
9	8.081	1015	1019	1020	rBV	5034	4869	1.24%	0.107%
10	8.104	1020	1023	1030	rVV	320037	268230	68.51%	5.897%
11	8.386	1064	1071	1075	rVB3	4870	9017	2.30%	0.198%
12	8.445	1075	1081	1085	rBV2	2902	4822	1.23%	0.106%
13	8.516	1090	1093	1095	rBV	6778	5372	1.37%	0.118%
14	8.633	1111	1113	1115	rBV	3688	3968	1.01%	0.087%
15	8.686	1119	1122	1126	rBV3	4293	4943	1.26%	0.109%
16	8.839	1146	1148	1152	rVB2	5796	5001	1.28%	0.110%
17	9.092	1187	1191	1193	rVV2	7676	7433	1.90%	0.163%
18	9.116	1193	1195	1199	rVB2	5941	5611	1.43%	0.123%
19	9.175	1202	1205	1211	rVV	252182	206407	52.72%	4.538%
20	9.251	1214	1218	1221	rBV2	12286	12762	3.26%	0.281%
21	9.522	1260	1264	1266	rVB2	4130	4247	1.08%	0.093%
22	9.563	1266	1271	1272	rBV	22727	26026	6.65%	0.572%
23	9.616	1278	1280	1287	rVB4	4441	6436	1.64%	0.141%
24	9.722	1294	1298	1300	rBV2	9403	9083	2.32%	0.200%
25	9.763	1303	1305	1307	rBV	13897	11234	2.87%	0.247%
26	9.863	1318	1322	1325	rBV	290261	242995	62.07%	5.342%
27	9.892	1325	1327	1331	rVB2	10489	11547	2.95%	0.254%
28	10.186	1373	1377	1379	rBV3	3774	4759	1.22%	0.105%
29	10.280	1391	1393	1396	rVB	10132	7466	1.91%	0.164%
30	10.410	1410	1415	1421	rVB	5980	6598	1.69%	0.145%
31	10.657	1453	1457	1465	rVB	94199	88207	22.53%	1.939%
32	10.751	1471	1473	1479	rBV2	8387	11432	2.92%	0.251%
33	11.204	1547	1550	1552	rBV	5198	4596	1.17%	0.101%
34	11.351	1572	1575	1578	rBV	272217	250975	64.10%	5.518%

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Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.374	1578	1579	1583	rVV	87225	65668	16.77%	1.444%
36	11.433	1586	1589	1591	rVB	18069	15096	3.86%	0.332%
37	11.857	1655	1661	1663	rBV	14618	13291	3.39%	0.292%
38	11.886	1663	1666	1669	rVV	17789	16946	4.33%	0.373%
39	11.933	1671	1674	1677	rVB	10097	7942	2.03%	0.175%
40	11.969	1677	1680	1682	rBV2	21468	23771	6.07%	0.523%
41	11.986	1682	1683	1687	rVB3	10030	9765	2.49%	0.215%
42	12.151	1705	1711	1716	rBV2	9120	10537	2.69%	0.232%
43	12.192	1716	1718	1721	rVB2	4556	4585	1.17%	0.101%
44	12.404	1751	1754	1757	rBV	9953	12119	3.10%	0.266%
45	12.504	1766	1771	1774	rBV3	7354	7199	1.84%	0.158%
46	12.569	1779	1782	1786	rBV	177834	162073	41.40%	3.563%
47	12.804	1815	1822	1827	rBV	190928	195281	49.88%	4.293%
48	12.851	1827	1830	1834	rVB3	11282	11749	3.00%	0.258%
49	12.933	1839	1844	1848	rBV	205030	185643	47.42%	4.081%
50	12.968	1848	1850	1852	rVB2	6222	4448	1.14%	0.098%
51	13.016	1855	1858	1862	rBV3	11904	18893	4.83%	0.415%
52	13.074	1865	1868	1870	rBV2	4480	4078	1.04%	0.090%
53	13.133	1870	1878	1880	rVV	26389	37420	9.56%	0.823%
54	13.198	1886	1889	1891	rBV	19011	17373	4.44%	0.382%
55	13.233	1891	1895	1898	rVV2	20449	24777	6.33%	0.545%
56	13.286	1902	1904	1908	rVB5	4730	6516	1.66%	0.143%
57	13.327	1908	1911	1914	rBV	13147	16207	4.14%	0.356%
58	13.363	1914	1917	1921	rBV2	11873	14998	3.83%	0.330%
59	13.392	1921	1922	1925	rVB2	5642	4096	1.05%	0.090%
60	13.433	1925	1929	1930	rBV3	4432	5863	1.50%	0.129%
61	13.451	1930	1932	1935	rVB3	5494	5465	1.40%	0.120%
62	13.510	1935	1942	1944	rBV4	6574	11776	3.01%	0.259%
63	13.551	1948	1949	1952	rVB	5131	4503	1.15%	0.099%
64	13.616	1957	1960	1962	rBV3	8922	8887	2.27%	0.195%
65	13.645	1962	1965	1969	rVB	15605	16314	4.17%	0.359%
66	13.757	1979	1984	1986	rBV2	17251	22124	5.65%	0.486%
67	13.780	1986	1988	1991	rVV	16853	16415	4.19%	0.361%
68	13.810	1991	1993	1994	rVV	17270	16741	4.28%	0.368%
69	13.827	1994	1996	1999	rVV2	24664	27210	6.95%	0.598%
70	13.857	1999	2001	2003	rVB	15831	12766	3.26%	0.281%
71	13.921	2010	2012	2014	rBV3	6763	6801	1.74%	0.150%

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Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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72	14.004	2021	2026	2029	rBV2	347639	391516	100.00%	8.608%
73	14.033	2029	2031	2034	rVB	90017	70292	17.95%	1.545%
74	14.110	2042	2044	2047	rBV2	21156	21651	5.53%	0.476%
75	14.351	2083	2085	2088	rBV3	8760	11390	2.91%	0.250%
76	14.392	2088	2092	2095	rVV	24059	28011	7.15%	0.616%
77	14.427	2096	2098	2100	rVB	9332	6220	1.59%	0.137%
78	14.468	2103	2105	2106	rBV2	7824	4283	1.09%	0.094%
79	14.515	2111	2113	2115	rBV3	12370	10190	2.60%	0.224%
80	14.580	2122	2124	2127	rBV4	10585	11589	2.96%	0.255%
81	14.892	2175	2177	2181	rVB4	17411	22597	5.77%	0.497%
82	15.051	2200	2204	2207	rBV	74032	98023	25.04%	2.155%
83	15.162	2220	2223	2228	rBV2	20837	27018	6.90%	0.594%
84	15.357	2253	2256	2262	rVB	45177	61953	15.82%	1.362%
85	15.421	2262	2267	2271	rBV	70561	95349	24.35%	2.096%
86	15.480	2271	2277	2281	rBV	155395	217814	55.63%	4.789%
87	16.962	2523	2529	2535	rBV3	31706	75745	19.35%	1.665%
88	17.256	2577	2579	2580	rVB2	7515	4101	1.05%	0.090%
89	17.421	2603	2607	2613	rVB3	20587	38324	9.79%	0.843%
90	18.250	2746	2748	2751	rBV4	4470	4397	1.12%	0.097%

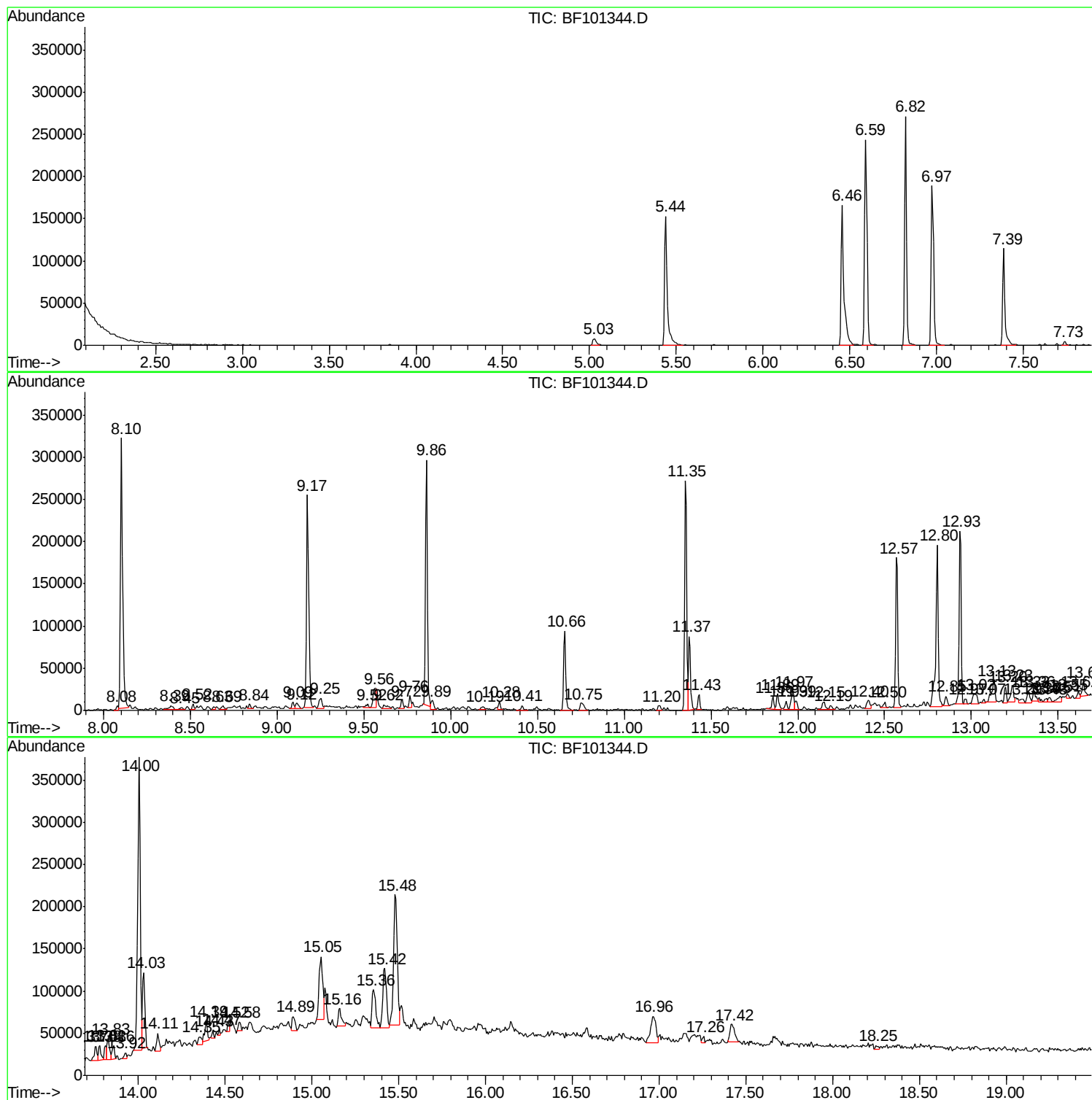
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Instrument :
BNA_F
ClientSampled :
SB-8(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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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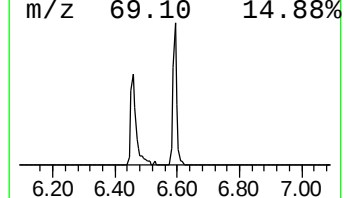
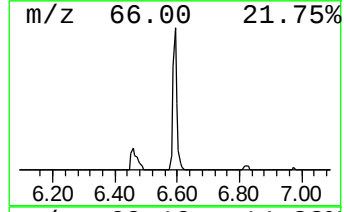
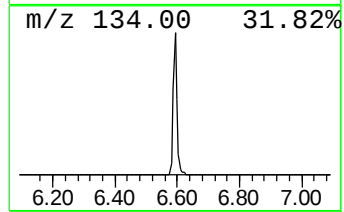
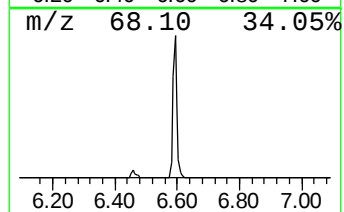
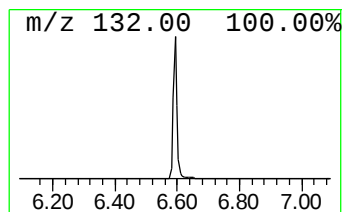
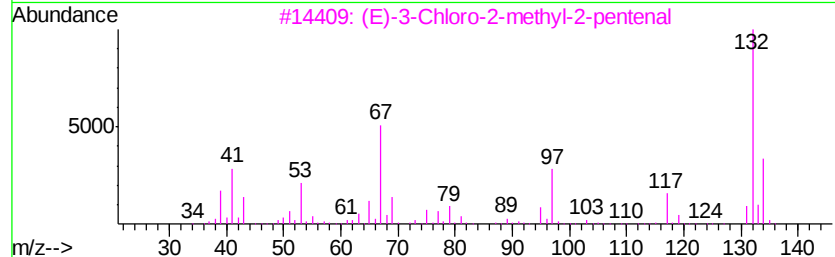
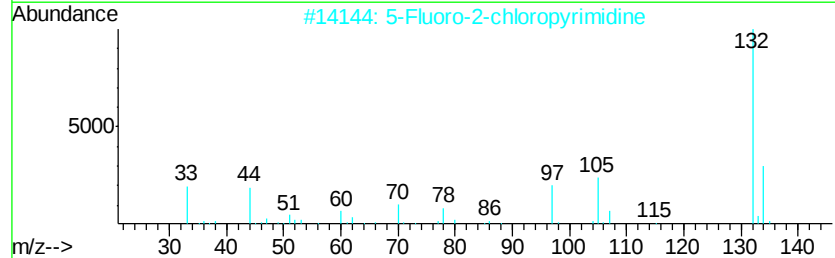
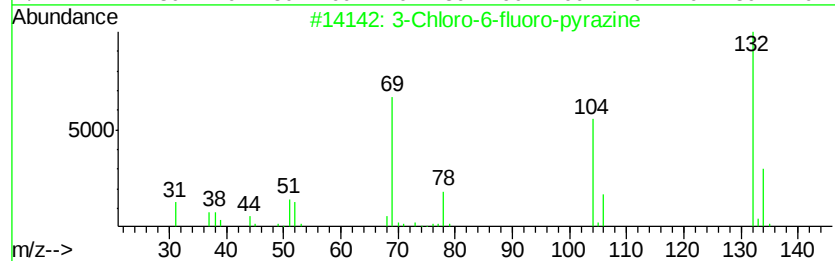
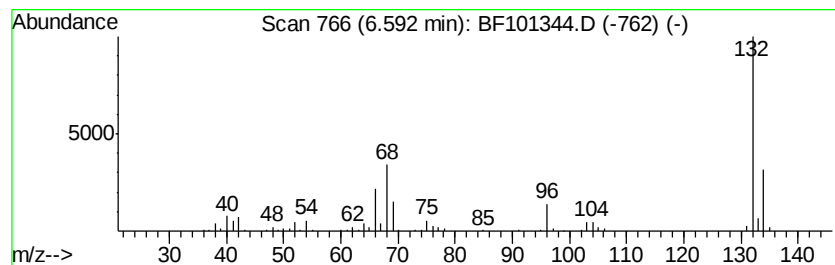
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	18.37 ng	203455	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5		Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9



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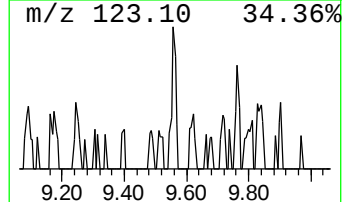
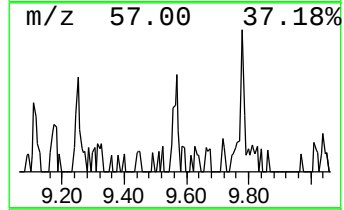
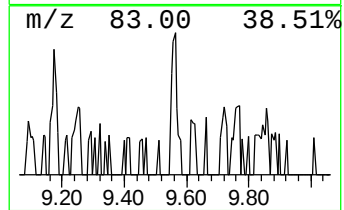
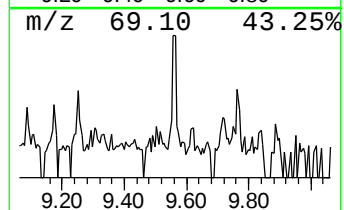
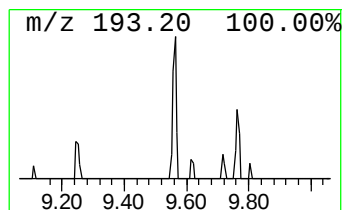
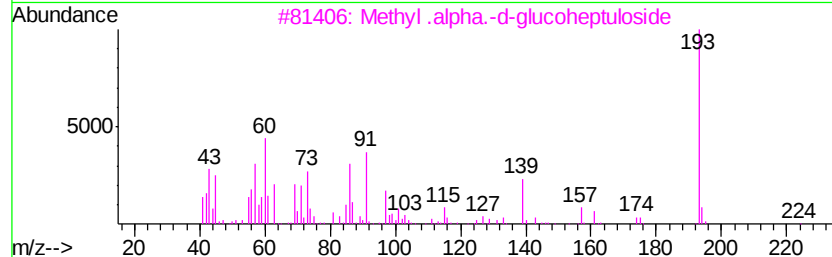
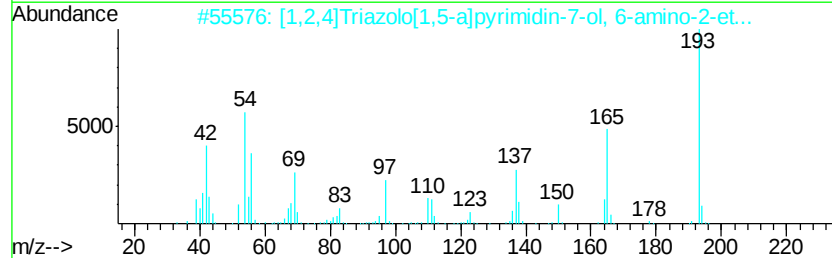
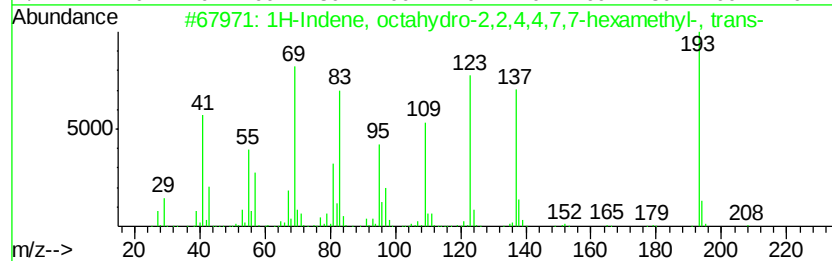
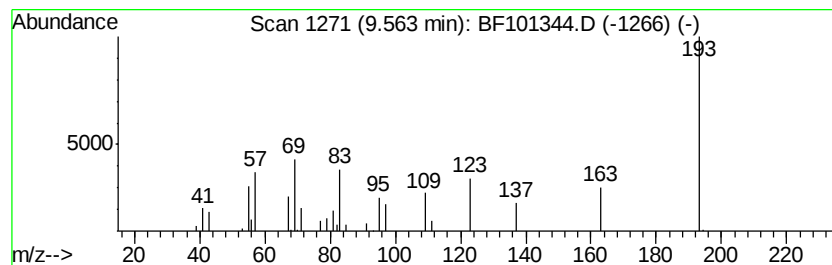
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown9.56 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	2.14 ng	26026	Acenaphthene-d10	9.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	40
2		[1,2,4]Triazolo[1,5-a]pyrimidin-...	193	C8H11N5O	1000351-50-1	35
3		Methyl .alpha.-d-glucoseptuloside	224	C8H16O7	1000126-85-3	16
4		2-(1-Butyl-2-nitroallyl)cyclohex...	239	C13H21NO3	1000192-05-9	14
5		3,4-Diethoxy-N-(4,5,6,7-tetrahyd...	346	C18H22N2O3S	1000311-37-1	12



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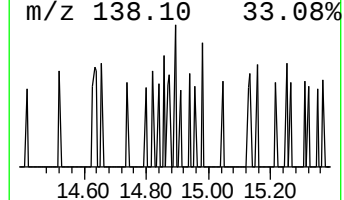
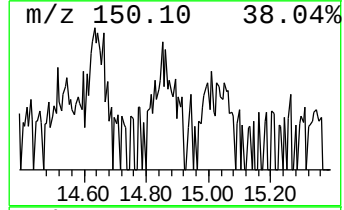
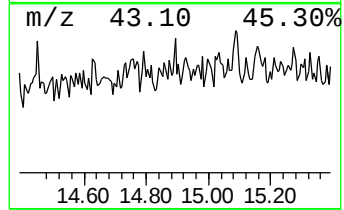
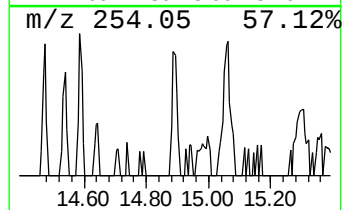
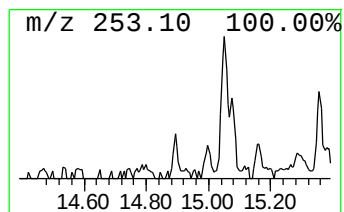
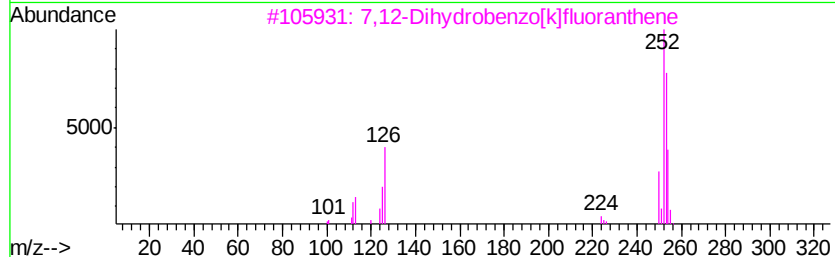
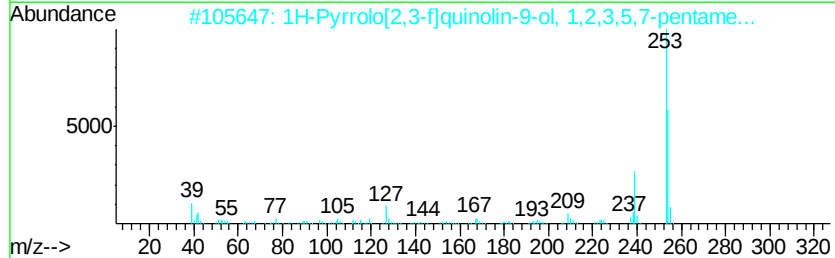
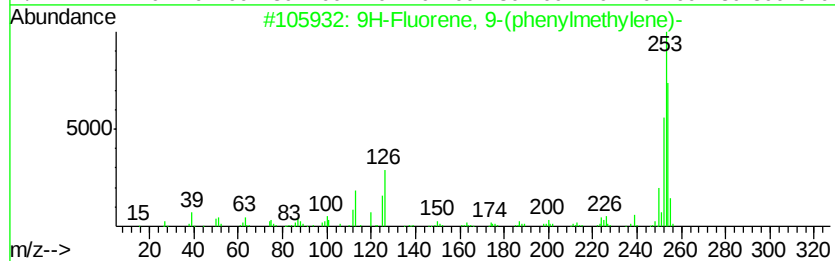
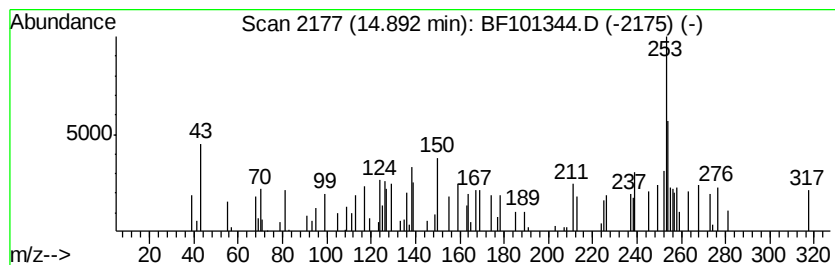
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown14.89 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.89	2.07 ng	22597	Perylene-d12	15.49	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	30
2	1H-Pyrrolo[2,3-f]quinolin-9-ol, ...	254	C16H18N2O	1000303-71-9	27
3	7,12-Dihydrobenzo[k]fluoranthene	254	C20H14	1000080-17-7	27
4	2-(4-Hydroxy-benzylidene)-benzo[...]	254	C15H10O2S	1000297-32-7	27
5	4,6'-BiazulenyI	254	C20H14	094154-49-1	27



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SB-8(0-2)

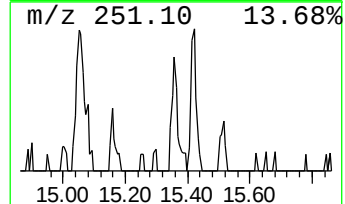
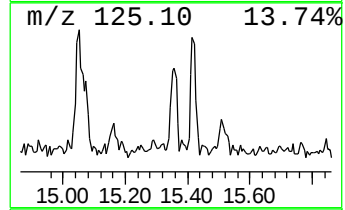
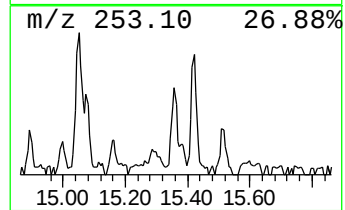
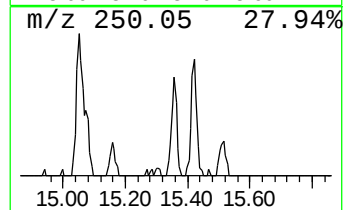
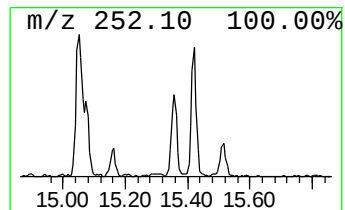
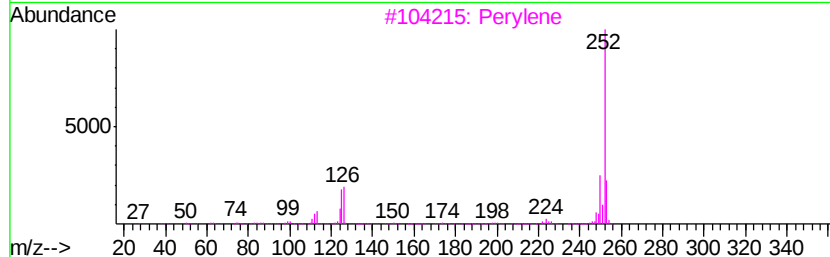
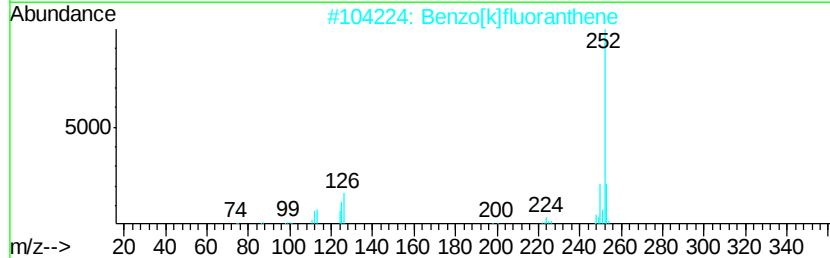
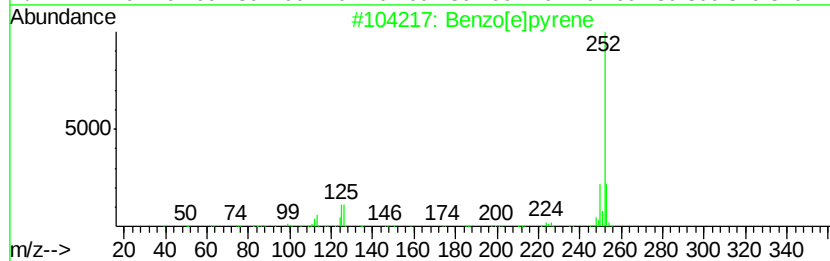
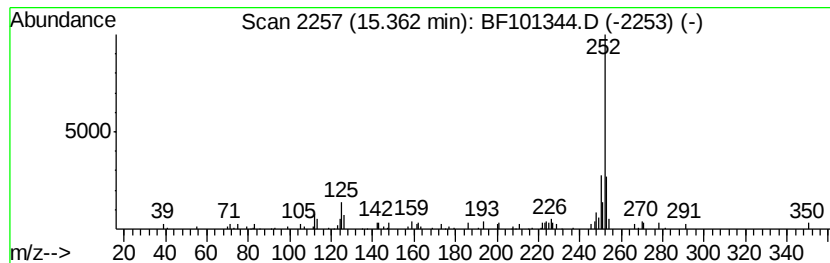
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	5.69 ng	61953	Perylene-d12	15.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	94
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
3		Perylene	252	C20H12	000198-55-0	89
4		Benzo[a]pyrene	252	C20H12	000050-32-8	81
5		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121217\
Data File : BF101344.D
Acq On : 12 Dec 2017 21:47
Operator : SJ/JU
Sample : I6822-11 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-8(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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
unknown6.59	6.59	18.4	ng	203455	1	6.82	221509	20.0
unknown9.56	9.56	2.1	ng	26026	3	9.86	242995	20.0
unknown14.89	14.89	2.1	ng	22597	6	15.49	217814	20.0
Benzo[e]pyrene	15.36	5.7	ng	61953	6	15.49	217814	20.0