

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
 Data File : BF100748.D
 Acq On : 20 Nov 2017 23:28
 Operator : SJ/JU
 Sample : I6304-20 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-111617-E

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	5.081	507	509	515	rBV	20320	19320	1.98%	0.165%
2	5.475	573	576	580	rBV	394079	342921	35.08%	2.933%
3	6.487	744	748	755	rBV	421163	341826	34.97%	2.924%
4	6.634	770	773	777	rBV	456174	360086	36.83%	3.080%
5	6.869	810	813	817	rBV	582873	498190	50.96%	4.261%
6	7.028	836	840	843	rBV	318766	279045	28.54%	2.387%
7	7.428	904	908	911	rBV	259202	200593	20.52%	1.716%
8	8.151	1027	1031	1035	rBV	796933	623746	63.80%	5.335%
9	9.222	1210	1213	1217	rBV	427216	365252	37.36%	3.124%
10	9.563	1268	1271	1274	rBV2	52673	37282	3.81%	0.319%
11	9.616	1277	1280	1288	rVB2	18203	22777	2.33%	0.195%
12	9.769	1302	1306	1309	rBV	67540	53387	5.46%	0.457%
13	9.833	1312	1317	1321	rVB	14221	13496	1.38%	0.115%
14	9.910	1326	1330	1333	rBV	654485	595754	60.94%	5.096%
15	10.327	1399	1401	1404	rVB	15281	12481	1.28%	0.107%
16	10.451	1420	1422	1429	rVB2	9692	13045	1.33%	0.112%
17	10.692	1456	1463	1467	rBV	188152	157199	16.08%	1.345%
18	10.998	1511	1515	1518	rBV2	10599	12937	1.32%	0.111%
19	11.292	1560	1565	1569	rVB2	9907	11726	1.20%	0.100%
20	11.392	1579	1582	1584	rBV	577259	475430	48.63%	4.066%
21	11.416	1584	1586	1589	rVV	193415	143398	14.67%	1.227%
22	11.469	1592	1595	1598	rVV	56011	41681	4.26%	0.357%
23	11.686	1626	1632	1634	rVV5	12038	12553	1.28%	0.107%
24	11.721	1634	1638	1643	rVB3	14934	16761	1.71%	0.143%
25	11.892	1664	1667	1670	rBV	62028	55971	5.73%	0.479%
26	11.921	1670	1672	1675	rVV	86604	62375	6.38%	0.534%
27	11.969	1675	1680	1683	rVV	29763	26341	2.69%	0.225%
28	12.004	1683	1686	1689	rVV2	87314	104656	10.71%	0.895%
29	12.027	1689	1690	1695	rVB	50501	29977	3.07%	0.256%
30	12.186	1715	1717	1720	rBV	39913	32973	3.37%	0.282%
31	12.216	1720	1722	1727	rVB2	16553	18717	1.91%	0.160%
32	12.368	1746	1748	1750	rBV	22063	15250	1.56%	0.130%
33	12.392	1750	1752	1755	rVB	19076	13304	1.36%	0.114%
34	12.439	1757	1760	1763	rBV	60758	65227	6.67%	0.558%

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35	12.480	1763	1767	1769	rVV2	36482	48107	4.92%	0.411%
36	12.498	1769	1770	1772	rVV	23257	12137	1.24%	0.104%
37	12.527	1772	1775	1780	rVV2	40940	44656	4.57%	0.382%
38	12.604	1784	1788	1792	rBV	502711	429259	43.91%	3.672%
39	12.698	1802	1804	1807	rVB	47360	35118	3.59%	0.300%
40	12.757	1812	1814	1817	rBV	18391	19731	2.02%	0.169%
41	12.833	1821	1827	1833	rVB	526172	544605	55.71%	4.658%
42	12.886	1833	1836	1840	rVB2	25641	32083	3.28%	0.274%
43	12.951	1843	1847	1848	rBV2	24791	23204	2.37%	0.198%
44	12.974	1848	1851	1858	rVB	273155	266653	27.28%	2.281%
45	13.051	1858	1864	1871	rBV4	56964	103973	10.64%	0.889%
46	13.139	1875	1879	1880	rBV2	50233	56210	5.75%	0.481%
47	13.163	1880	1883	1886	rVB	86302	88492	9.05%	0.757%
48	13.227	1891	1894	1897	rVV	57278	47062	4.81%	0.403%
49	13.263	1897	1900	1904	rVV2	93359	92415	9.45%	0.790%
50	13.321	1907	1910	1914	rVV2	11971	17367	1.78%	0.149%
51	13.357	1914	1916	1919	rVV	59333	51001	5.22%	0.436%
52	13.386	1919	1921	1924	rVV	57926	55285	5.66%	0.473%
53	13.480	1932	1937	1939	rBV5	10236	16389	1.68%	0.140%
54	13.539	1944	1947	1948	rBV2	13756	15575	1.59%	0.133%
55	13.563	1948	1951	1953	rBV2	14997	14256	1.46%	0.122%
56	13.645	1962	1965	1966	rBV2	14123	13622	1.39%	0.117%
57	13.668	1966	1969	1973	rVB	54435	59162	6.05%	0.506%
58	13.763	1982	1985	1986	rBV	31937	37914	3.88%	0.324%
59	13.780	1986	1988	1991	rVB2	48339	41513	4.25%	0.355%
60	13.810	1991	1993	1995	rBV	55522	36168	3.70%	0.309%
61	13.833	1995	1997	2000	rBV2	34521	31767	3.25%	0.272%
62	13.874	2001	2004	2009	rVB2	55148	59592	6.10%	0.510%
63	13.951	2012	2017	2023	rBV3	17311	30452	3.11%	0.260%
64	14.033	2023	2031	2033	rBV2	700882	977605	100.00%	8.362%
65	14.057	2033	2035	2043	rVB	369690	312050	31.92%	2.669%
66	14.115	2043	2045	2046	rBV2	17144	12576	1.29%	0.108%
67	14.139	2046	2049	2051	rBV2	24945	18912	1.93%	0.162%
68	14.174	2052	2055	2059	rBV2	29212	32552	3.33%	0.278%
69	14.245	2065	2067	2072	rBV3	16516	27333	2.80%	0.234%
70	14.286	2072	2074	2077	rVV3	21509	18070	1.85%	0.155%
71	14.351	2082	2085	2088	rBV5	10984	13700	1.40%	0.117%

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72	14.380	2088	2090	2092	rVV2	27127	25829	2.64%	0.221%
73	14.415	2092	2096	2099	rVV	108249	115820	11.85%	0.991%
74	14.451	2099	2102	2105	rVV	62345	60148	6.15%	0.514%
75	14.486	2105	2108	2110	rVV4	35443	45938	4.70%	0.393%
76	14.510	2110	2112	2114	rVV2	49219	47851	4.89%	0.409%
77	14.539	2114	2117	2119	rVV3	65956	65524	6.70%	0.560%
78	14.562	2119	2121	2124	rVV	60468	55987	5.73%	0.479%
79	14.610	2126	2129	2135	rVB3	38767	57452	5.88%	0.491%
80	14.662	2135	2138	2140	rBV4	14992	18886	1.93%	0.162%
81	14.733	2145	2150	2151	rBV4	15132	24919	2.55%	0.213%
82	14.804	2159	2162	2164	rBV3	23192	22975	2.35%	0.197%
83	14.980	2189	2192	2196	rVB4	19439	19651	2.01%	0.168%
84	15.074	2202	2208	2211	rBV	282838	456640	46.71%	3.906%
85	15.133	2215	2218	2223	rVV3	76934	104168	10.66%	0.891%
86	15.180	2223	2226	2230	rVB	63508	70988	7.26%	0.607%
87	15.268	2238	2241	2245	rBV4	17846	34013	3.48%	0.291%
88	15.380	2255	2260	2265	rVB	154448	207240	21.20%	1.773%
89	15.439	2265	2270	2276	rBV	253714	317355	32.46%	2.714%
90	15.504	2276	2281	2285	rBV	446514	593369	60.70%	5.075%
91	15.533	2285	2286	2292	rVB2	71360	82736	8.46%	0.708%
92	15.956	2352	2358	2361	rBV3	33292	55274	5.65%	0.473%
93	16.074	2373	2378	2382	rVB2	21329	34813	3.56%	0.298%
94	16.539	2454	2457	2461	rVB5	8639	12117	1.24%	0.104%
95	16.645	2472	2475	2479	rBV5	10660	15368	1.57%	0.131%
96	16.974	2526	2531	2540	rVV2	79486	155351	15.89%	1.329%
97	17.062	2541	2546	2552	rVB7	17928	35087	3.59%	0.300%
98	17.156	2558	2562	2567	rBV	14191	22604	2.31%	0.193%
99	17.221	2569	2573	2575	rBV5	12128	16157	1.65%	0.138%
100	17.427	2602	2608	2616	rBV	54584	104976	10.74%	0.898%

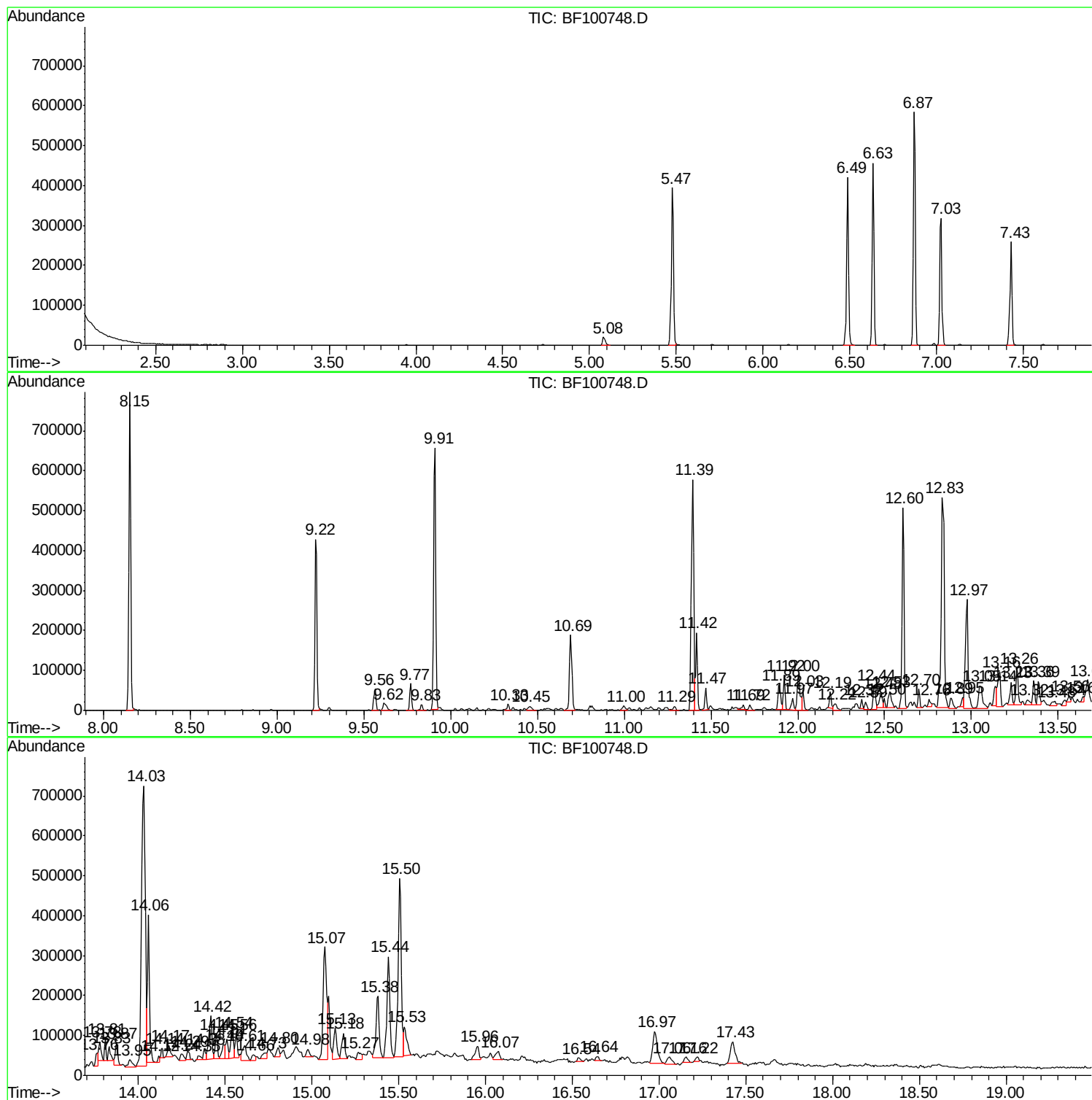
Sum of corrected areas: 11691479

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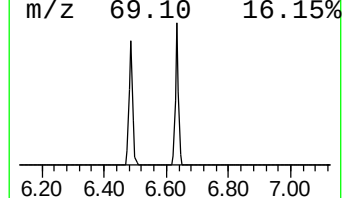
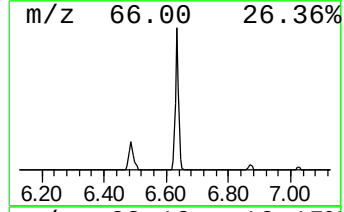
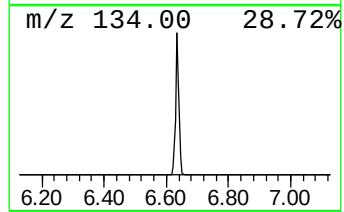
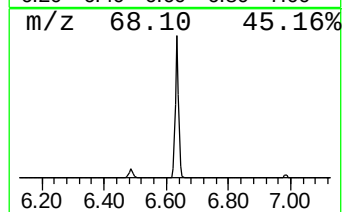
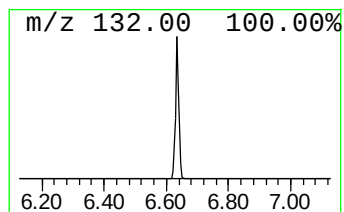
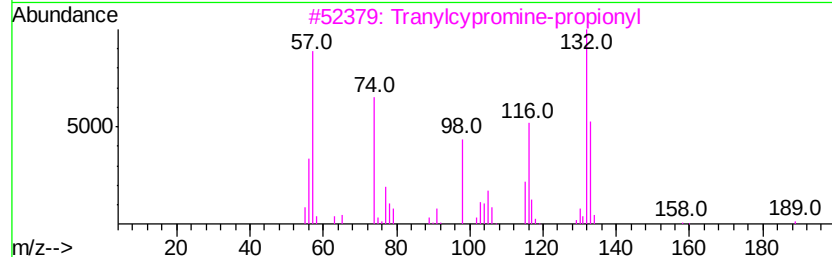
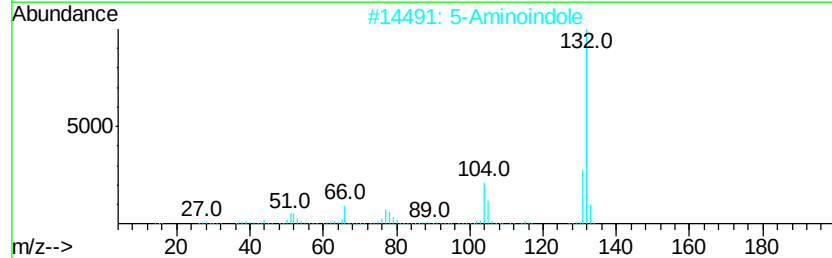
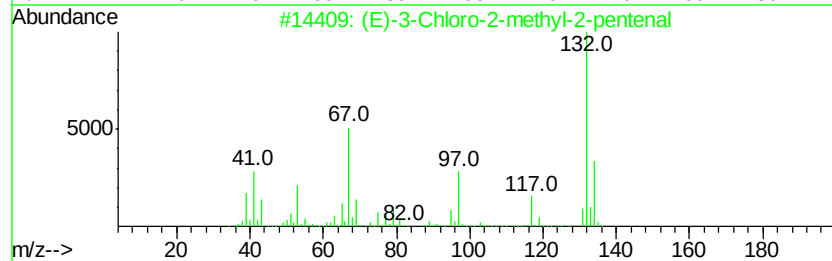
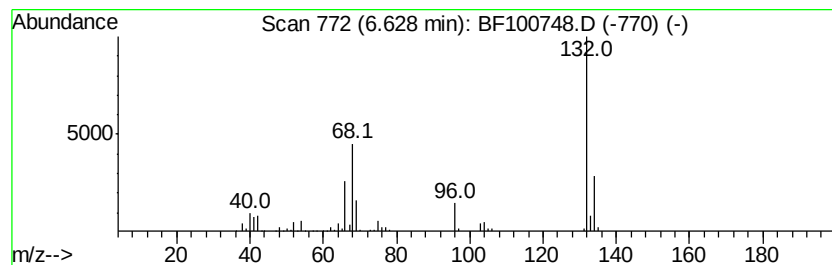
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	14.46 ng	360086	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9



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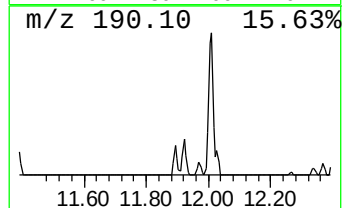
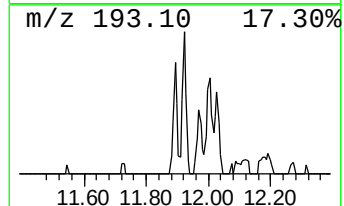
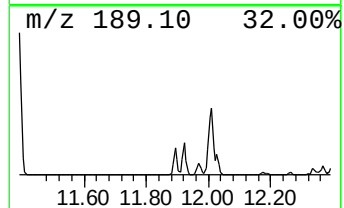
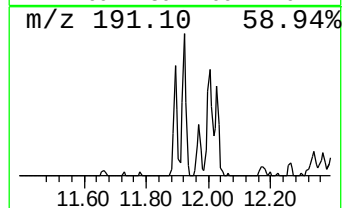
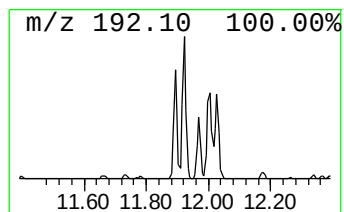
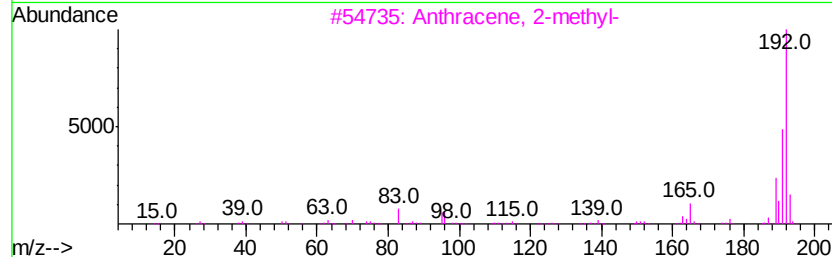
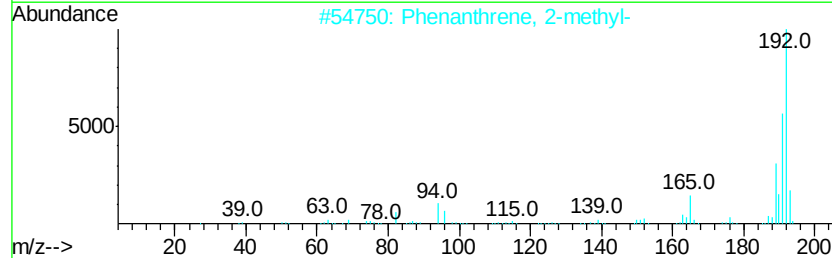
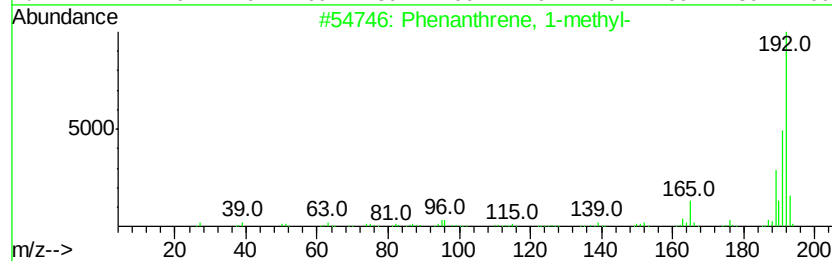
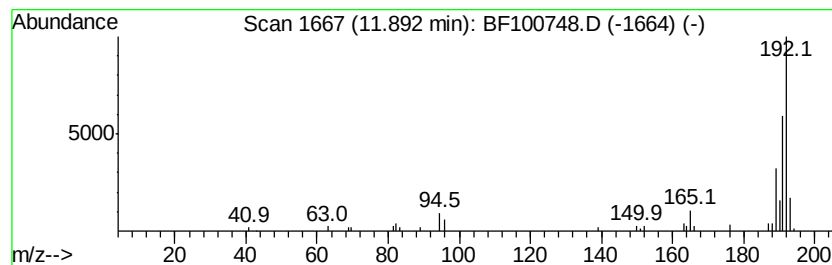
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.89	2.35 ng	55971	Phenanthrene-d10		11.39
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93



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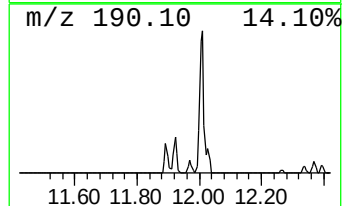
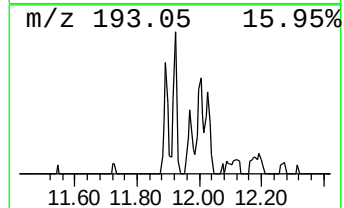
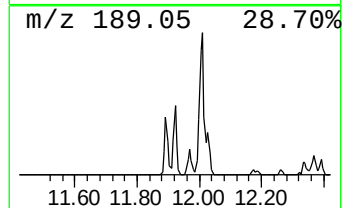
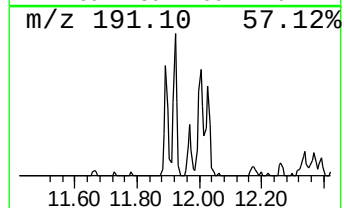
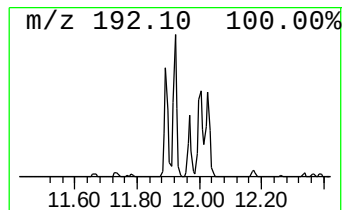
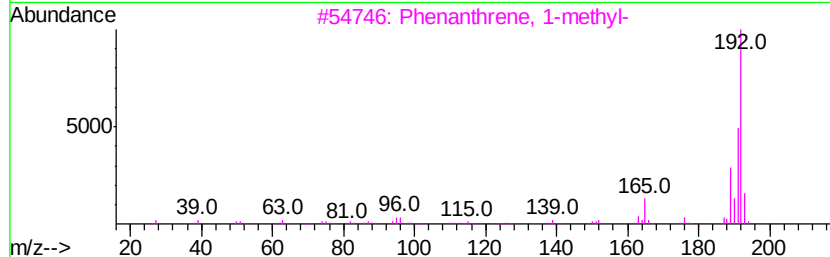
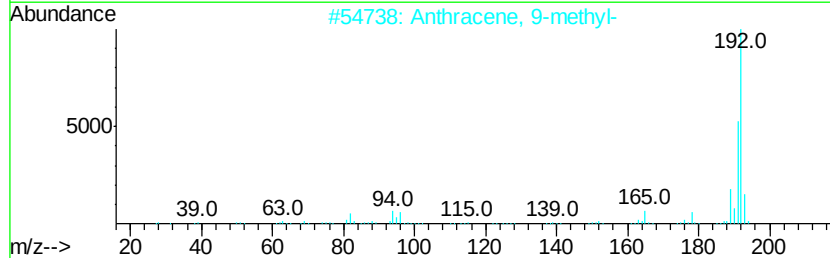
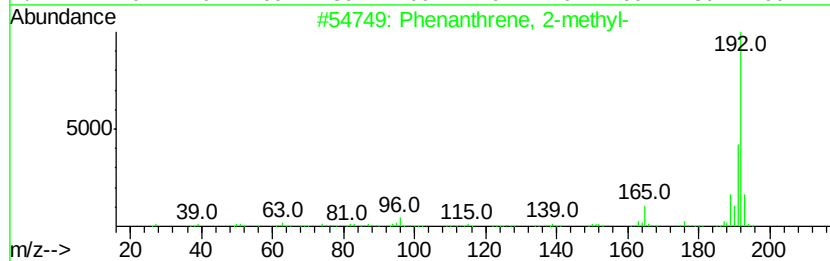
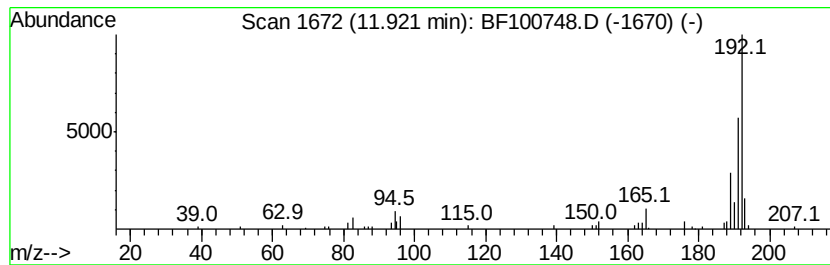
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Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.92	2.62 ng	62375	Phenanthrene-d10	11.39	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112017\
Data File : BF100748.D
Acq On : 20 Nov 2017 23:28
Operator : SJ/JU
Sample : I6304-20 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId :
CL-01-111617-E

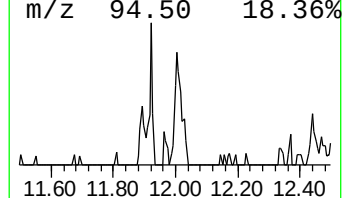
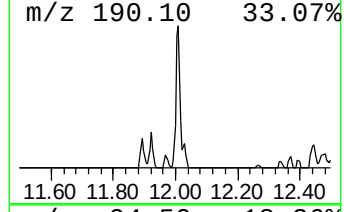
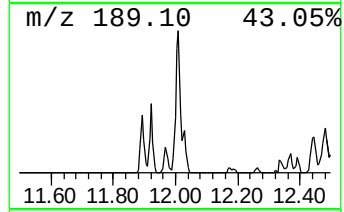
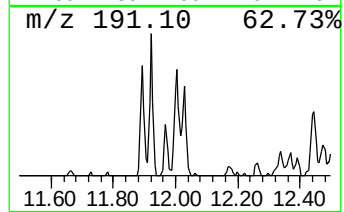
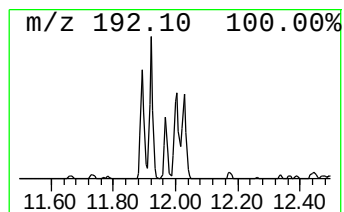
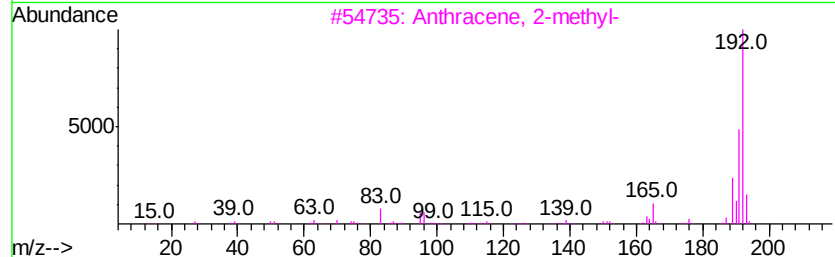
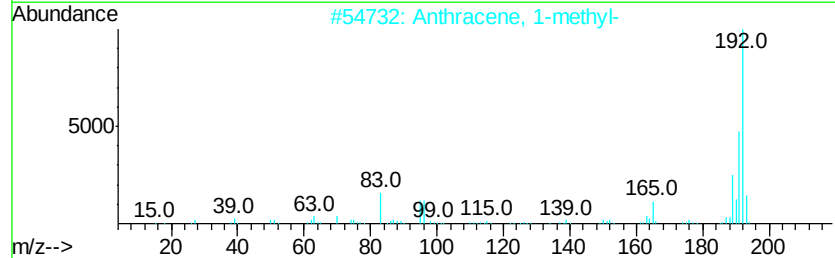
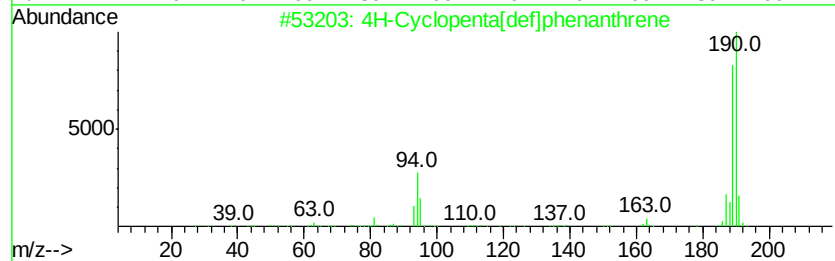
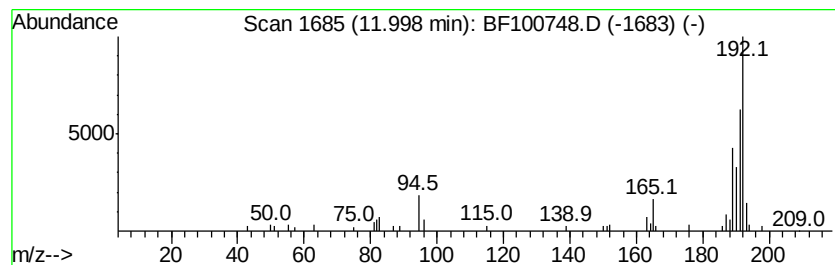
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	4.40 ng	104656	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	46
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	46
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112017\
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Acq On : 20 Nov 2017 23:28
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ClientSampleId :
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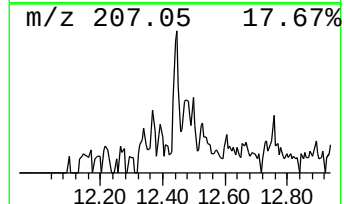
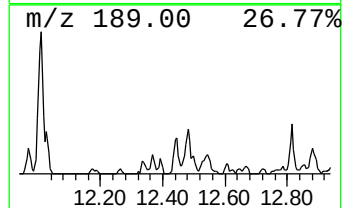
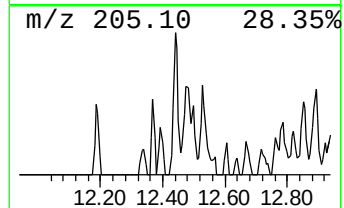
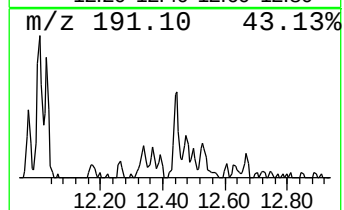
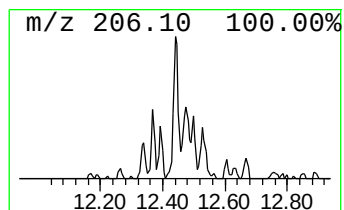
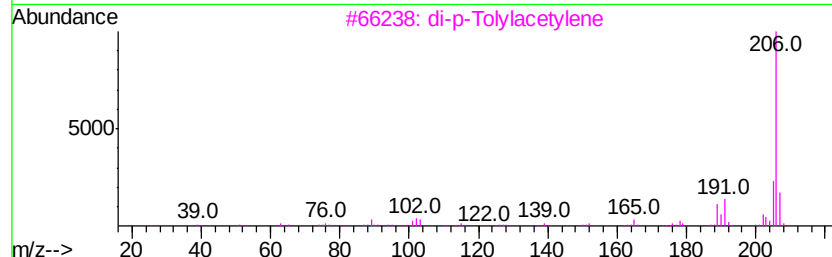
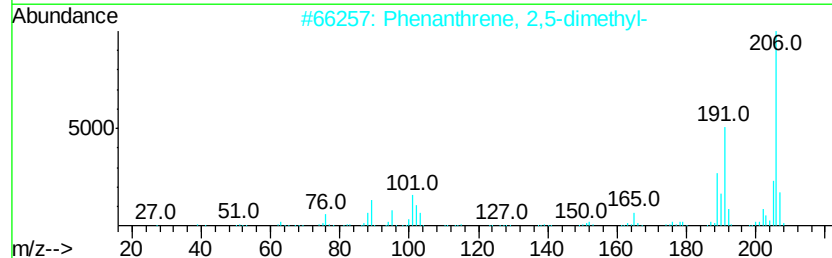
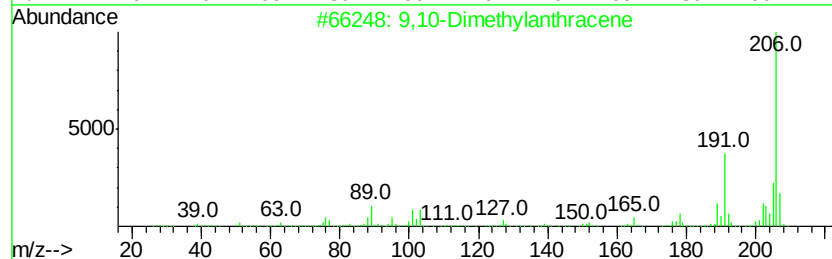
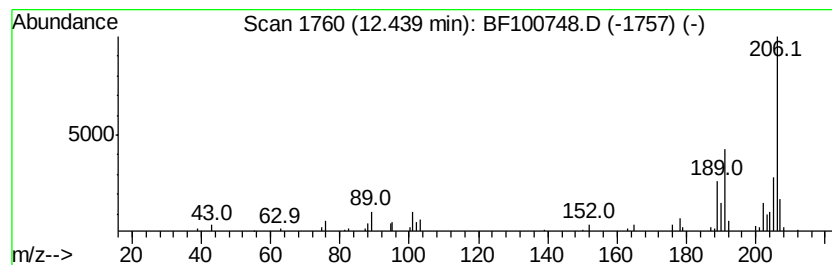
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 9,10-Dimethylantracene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	2.74 ng	65227	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Dimethylantracene	206	C16H14	000781-43-1	96
2		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
3		di-p-Tolylacetylene	206	C16H14	002789-88-0	94
4		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
5		Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
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Acq On : 20 Nov 2017 23:28
Operator : SJ/JU
Sample : I6304-20 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

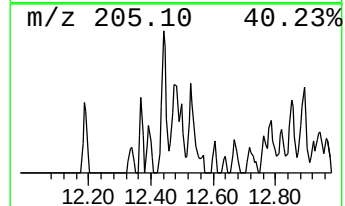
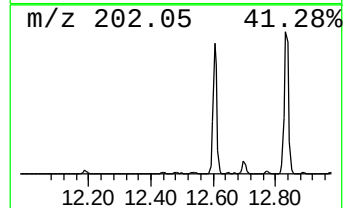
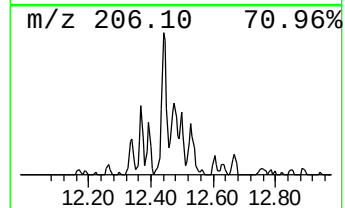
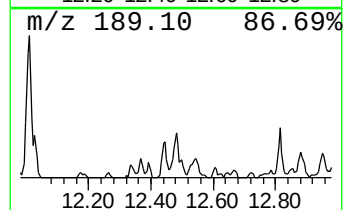
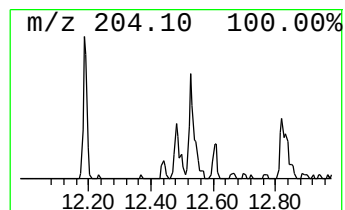
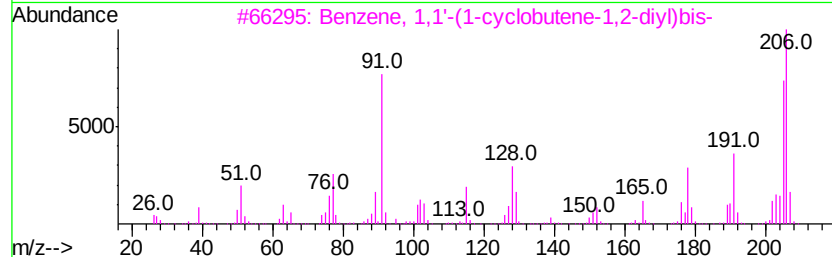
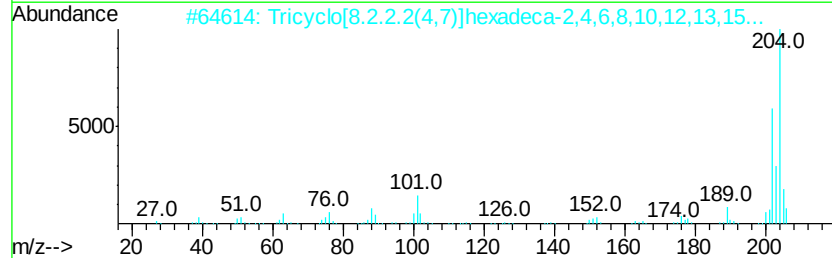
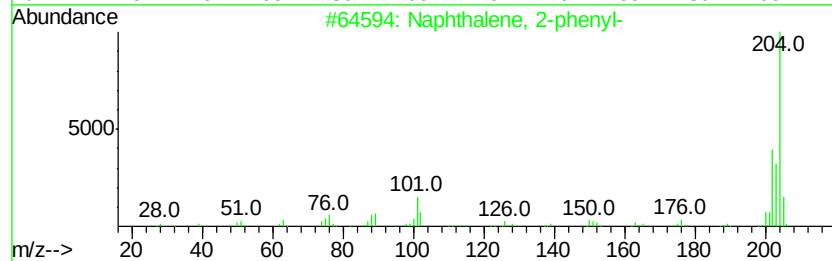
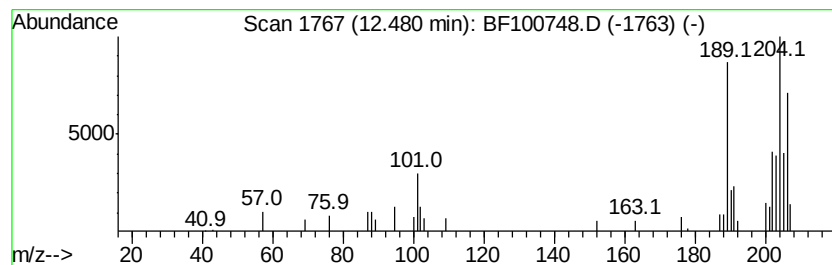
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown12.48 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.48	2.02 ng	48107	Phenanthrene-d10	11.39	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	38
3	Benzene, 1,1'-(1-cyclobutene-1,2...	206	C16H14	003306-02-3	35
4	Tetramisole	204	C11H12N2S	005036-02-2	30
5	Levamisole	204	C11H12N2S	014769-73-4	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112017\
Data File : BF100748.D
Acq On : 20 Nov 2017 23:28
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Sample : I6304-20 5X
Misc :
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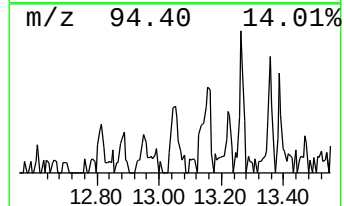
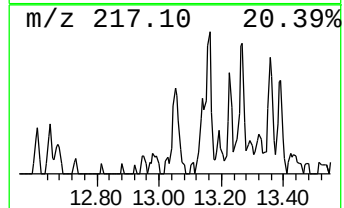
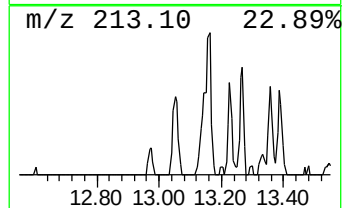
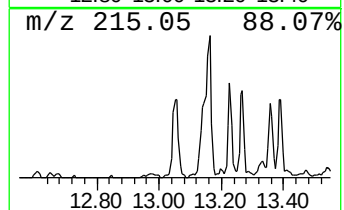
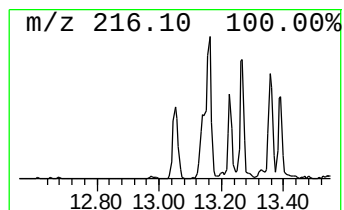
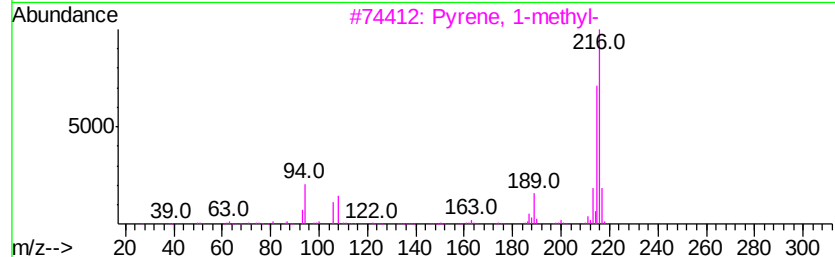
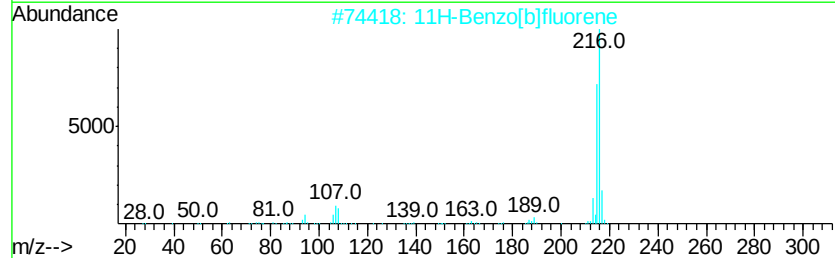
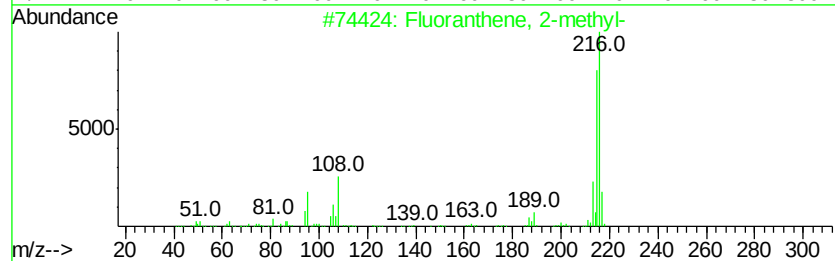
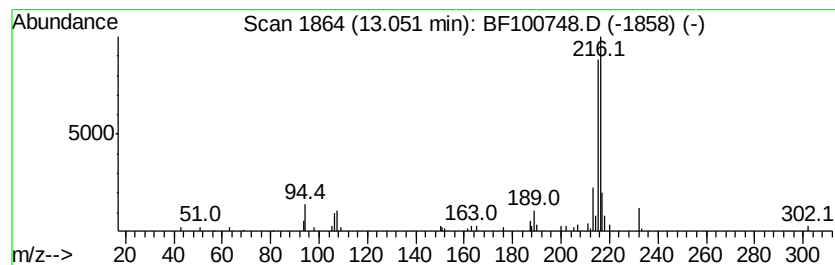
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Fluoranthene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	2.13 ng	103973	Chrysene-d12	14.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 94
2		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 90
3		Pyrene, 1-methyl-	216 C17H12	002381-21-7 89
4		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 81
5		Pyrene, 2-methyl-	216 C17H12	003442-78-2 70



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
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Sample : I6304-20 5X
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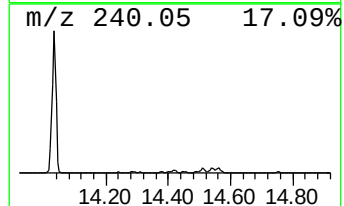
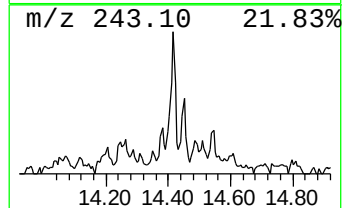
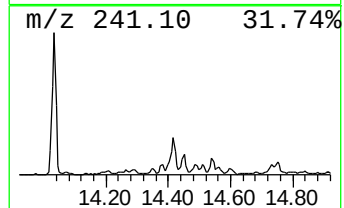
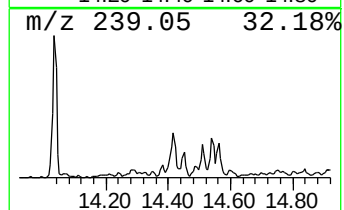
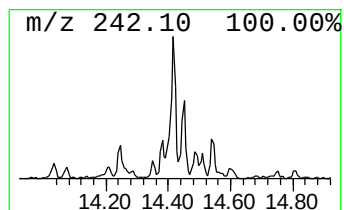
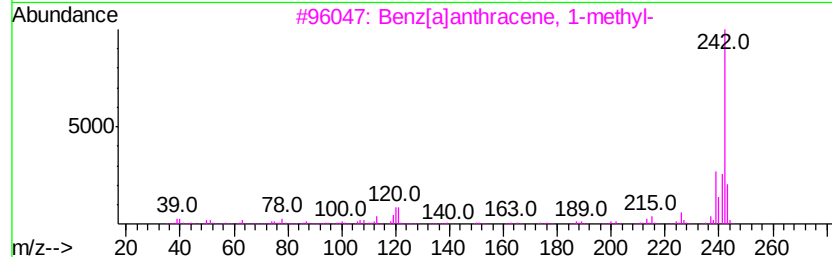
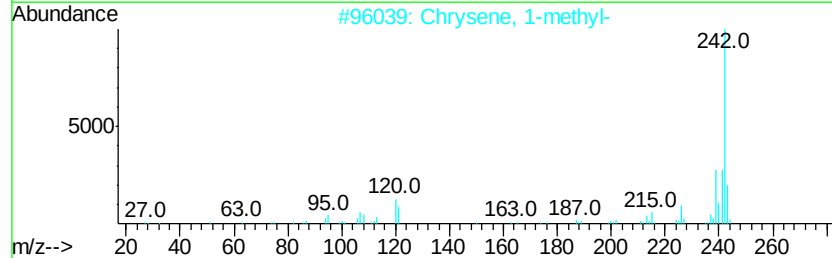
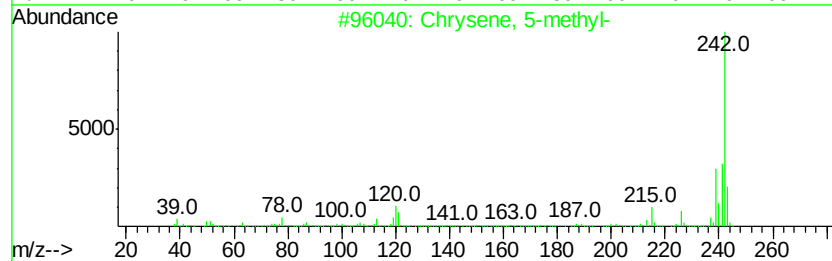
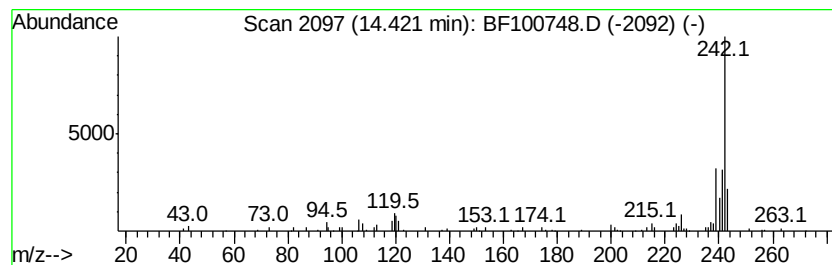
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Chrysene, 5-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	2.37 ng	115820	Chrysene-d12	14.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Chrysene, 5-methyl-	242 C19H14	003697-24-3 90
2		Chrysene, 1-methyl-	242 C19H14	003351-28-8 90
3		Benz[a]anthracene, 1-methyl-	242 C19H14	002498-77-3 89
4		Benz[a]anthracene, 7-methyl-	242 C19H14	002541-69-7 81
5		Benz[a]anthracene, 8-methyl-	242 C19H14	002381-31-9 81



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
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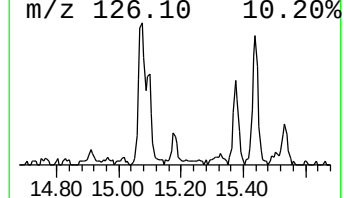
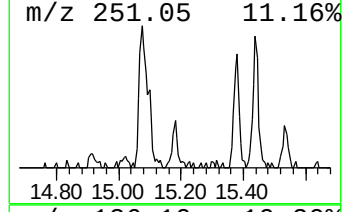
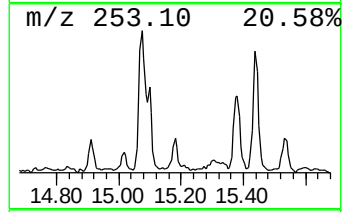
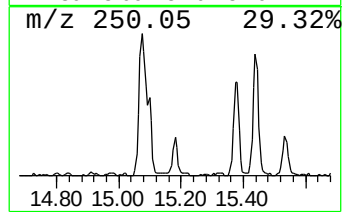
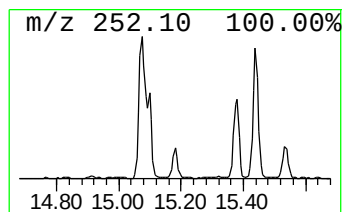
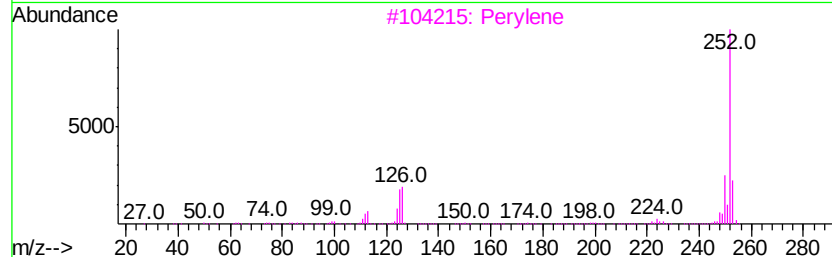
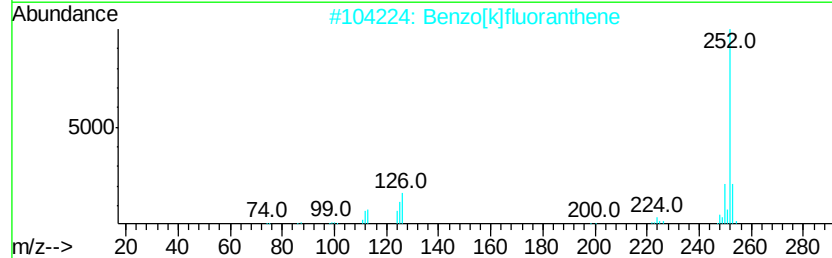
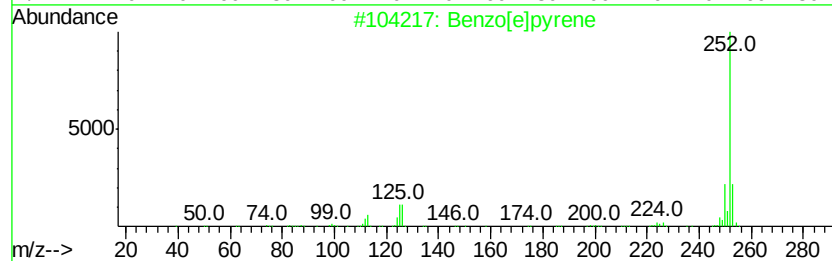
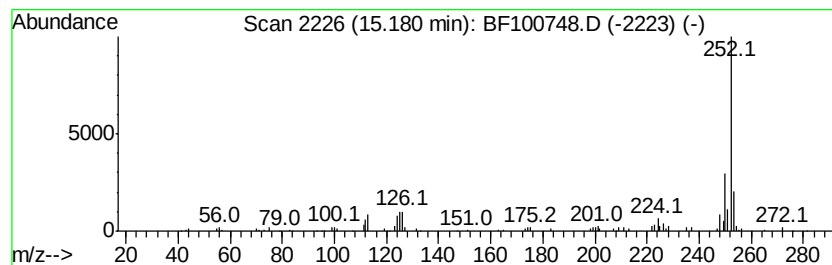
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	2.39 ng	70988	Perylene-d12	15.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
3		Perylene	252	C20H12	000198-55-0	93
4		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	90
5		Benzo[a]pyrene	252	C20H12	000050-32-8	89



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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Phenanthrene, 1-m...	11.89	2.4	ng	55971	4	11.39	475430	20.0
Phenanthrene, 2-m...	11.92	2.6	ng	62375	4	11.39	475430	20.0
4H-Cyclopenta[def...	12.00	4.4	ng	104656	4	11.39	475430	20.0
9,10-Dimethylanthe...	12.44	2.7	ng	65227	4	11.39	475430	20.0
unknown12.48	12.48	2.0	ng	48107	4	11.39	475430	20.0
Fluoranthene, 2-m...	13.05	2.1	ng	103973	5	14.03	977605	20.0
Chrysene, 5-methyl-	14.42	2.4	ng	115820	5	14.03	977605	20.0
Benzo[e]pyrene	15.18	2.4	ng	70988	6	15.50	593369	20.0