

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
 Data File : BF097754.D
 Acq On : 16 Aug 2017 22:25
 Operator : SJ/JU
 Sample : I4739-04 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S11-WC-4

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	495	rBV	65324	62775	3.66%	0.243%
2	5.375	555	559	563	rVB	790789	695243	40.58%	2.690%
3	6.398	729	733	740	rVB	945749	745693	43.53%	2.885%
4	6.540	754	757	761	rVB	869696	733872	42.84%	2.840%
5	6.781	794	798	801	rBV	1260026	1032040	60.24%	3.994%
6	6.934	820	824	827	rBV	701545	551327	32.18%	2.133%
7	7.334	888	892	896	rBV	477621	432139	25.22%	1.672%
8	8.063	1011	1016	1019	rBV	1646847	1343995	78.45%	5.201%
9	9.139	1195	1199	1202	rBV	864164	713929	41.67%	2.763%
10	9.475	1252	1256	1258	rBV	43931	37337	2.18%	0.144%
11	9.534	1263	1266	1271	rVB	113153	90920	5.31%	0.352%
12	9.816	1308	1314	1317	rBV	1494024	1287189	75.13%	4.981%
13	9.845	1317	1319	1323	rVB	137214	110324	6.44%	0.427%
14	10.016	1345	1348	1352	rVB	66686	57075	3.33%	0.221%
15	10.222	1379	1383	1387	rBV5	22617	33046	1.93%	0.128%
16	10.363	1404	1407	1413	rVB2	80532	79182	4.62%	0.306%
17	10.428	1413	1418	1420	rBV	35619	46058	2.69%	0.178%
18	10.522	1431	1434	1438	rVB2	35852	40812	2.38%	0.158%
19	10.598	1443	1447	1452	rVV	437389	366102	21.37%	1.417%
20	10.728	1466	1469	1474	rBV	70811	74613	4.36%	0.289%
21	10.910	1494	1500	1503	rBV4	34682	60582	3.54%	0.234%
22	11.039	1517	1522	1523	rBV2	47496	54216	3.16%	0.210%
23	11.057	1523	1525	1529	rVV3	47369	55470	3.24%	0.215%
24	11.104	1529	1533	1537	rVB	52643	62529	3.65%	0.242%
25	11.151	1537	1541	1543	rBV	34226	46336	2.70%	0.179%
26	11.175	1543	1545	1547	rVV	42405	42938	2.51%	0.166%
27	11.192	1547	1548	1554	rVB4	51152	57056	3.33%	0.221%
28	11.298	1562	1566	1568	rBV	1248676	1060087	61.88%	4.102%
29	11.322	1568	1570	1574	rVV	1124260	904198	52.78%	3.499%
30	11.375	1574	1579	1582	rVB	253971	238975	13.95%	0.925%
31	11.404	1582	1584	1589	rBV3	32101	37327	2.18%	0.144%
32	11.528	1600	1605	1607	rBV2	60643	57991	3.38%	0.224%
33	11.598	1615	1617	1620	rBV2	70289	57492	3.36%	0.222%
34	11.628	1620	1622	1626	rVB2	44900	34199	2.00%	0.132%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.798	1646	1651	1654	rVV	213300	203157	11.86%	0.786%
36	11.828	1654	1656	1660	rVB	277443	213041	12.44%	0.824%
37	11.875	1660	1664	1666	rBV	115188	108158	6.31%	0.419%
38	11.910	1666	1670	1672	rVV	311450	338744	19.77%	1.311%
39	11.933	1672	1674	1677	rVV	160181	125692	7.34%	0.486%
40	12.010	1684	1687	1689	rVV2	33290	34880	2.04%	0.135%
41	12.098	1693	1702	1703	rVV	133726	149032	8.70%	0.577%
42	12.116	1703	1705	1709	rVB2	94985	80008	4.67%	0.310%
43	12.245	1724	1727	1730	rVB2	74921	57964	3.38%	0.224%
44	12.275	1730	1732	1734	rBV	64069	51665	3.02%	0.200%
45	12.298	1734	1736	1739	rVB	70830	56446	3.29%	0.218%
46	12.351	1739	1745	1748	rBV	162860	195312	11.40%	0.756%
47	12.386	1748	1751	1753	rVV	82500	95133	5.55%	0.368%
48	12.433	1756	1759	1764	rVB3	96169	124342	7.26%	0.481%
49	12.510	1768	1772	1775	rBV	1550675	1297467	75.73%	5.021%
50	12.639	1790	1794	1795	rBV3	42812	52413	3.06%	0.203%
51	12.663	1795	1798	1802	rVV	58018	89867	5.25%	0.348%
52	12.739	1805	1811	1814	rVV	1526872	1572497	91.79%	6.085%
53	12.786	1817	1819	1824	rVB2	62741	93643	5.47%	0.362%
54	12.857	1824	1831	1832	rBV2	78289	80935	4.72%	0.313%
55	12.880	1832	1835	1842	rVB	509755	535283	31.24%	2.071%
56	12.957	1842	1848	1851	rBV3	133177	204391	11.93%	0.791%
57	13.016	1855	1858	1860	rBV4	35522	45586	2.66%	0.176%
58	13.039	1860	1862	1863	rVV2	97040	87273	5.09%	0.338%
59	13.063	1864	1866	1869	rVB	183964	161264	9.41%	0.624%
60	13.127	1874	1877	1880	rBV	103920	98191	5.73%	0.380%
61	13.169	1880	1884	1887	rBV	209318	206911	12.08%	0.801%
62	13.198	1887	1889	1892	rVV4	37635	33810	1.97%	0.131%
63	13.257	1896	1899	1902	rVB	122863	111890	6.53%	0.433%
64	13.292	1902	1905	1908	rBV	135619	116192	6.78%	0.450%
65	13.369	1915	1918	1919	rBV2	29644	34688	2.02%	0.134%
66	13.469	1933	1935	1937	rVV2	52355	51476	3.00%	0.199%
67	13.569	1947	1952	1958	rVV	121398	171746	10.02%	0.665%
68	13.633	1961	1963	1966	rVB	34560	31672	1.85%	0.123%
69	13.680	1966	1971	1974	rBV2	116887	196268	11.46%	0.759%
70	13.710	1974	1976	1978	rVV	144130	126063	7.36%	0.488%
71	13.733	1978	1980	1984	rVV2	108860	141128	8.24%	0.546%

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72	13.774	1984	1987	1995	rVB2	112566	160501	9.37%	0.621%
73	13.933	2006	2014	2016	rBV2	1250116	1713192	100.00%	6.629%
74	13.957	2016	2018	2024	rVB	697723	655584	38.27%	2.537%
75	14.039	2029	2032	2034	rVB	87572	74562	4.35%	0.289%
76	14.116	2042	2045	2048	rVB3	50233	55877	3.26%	0.216%
77	14.157	2048	2052	2055	rVV2	41762	68537	4.00%	0.265%
78	14.186	2055	2057	2060	rVB3	45367	34571	2.02%	0.134%
79	14.251	2065	2068	2071	rBV2	38352	41967	2.45%	0.162%
80	14.280	2071	2073	2075	rBV	56814	50255	2.93%	0.194%
81	14.316	2075	2079	2082	rVV	170760	190275	11.11%	0.736%
82	14.351	2082	2085	2089	rVV	105242	95043	5.55%	0.368%
83	14.386	2089	2091	2093	rVV2	38555	44660	2.61%	0.173%
84	14.410	2093	2095	2098	rVV3	93886	102351	5.97%	0.396%
85	14.439	2098	2100	2102	rVV2	78764	79481	4.64%	0.308%
86	14.463	2102	2104	2108	rVB3	61729	63527	3.71%	0.246%
87	14.516	2108	2113	2118	rVB3	56522	88821	5.18%	0.344%
88	14.616	2127	2130	2133	rBV2	46006	59798	3.49%	0.231%
89	14.698	2141	2144	2146	rBV	40338	40218	2.35%	0.156%
90	14.780	2155	2158	2160	rBV2	41106	50919	2.97%	0.197%
91	14.863	2169	2172	2175	rBV4	47123	48779	2.85%	0.189%
92	14.957	2183	2188	2190	rBV	530524	770966	45.00%	2.983%
93	15.057	2202	2205	2208	rVB	123846	132211	7.72%	0.512%
94	15.245	2232	2237	2242	rVB	336969	388933	22.70%	1.505%
95	15.304	2243	2247	2253	rVV	493149	557467	32.54%	2.157%
96	15.368	2253	2258	2261	rVV	584355	781246	45.60%	3.023%
97	15.392	2261	2262	2269	rVB2	149997	179067	10.45%	0.693%
98	16.757	2488	2494	2502	rVB2	154400	314190	18.34%	1.216%
99	17.174	2558	2565	2576	rBV	125919	275394	16.07%	1.066%
100	17.392	2598	2602	2606	rBV2	28653	47178	2.75%	0.183%

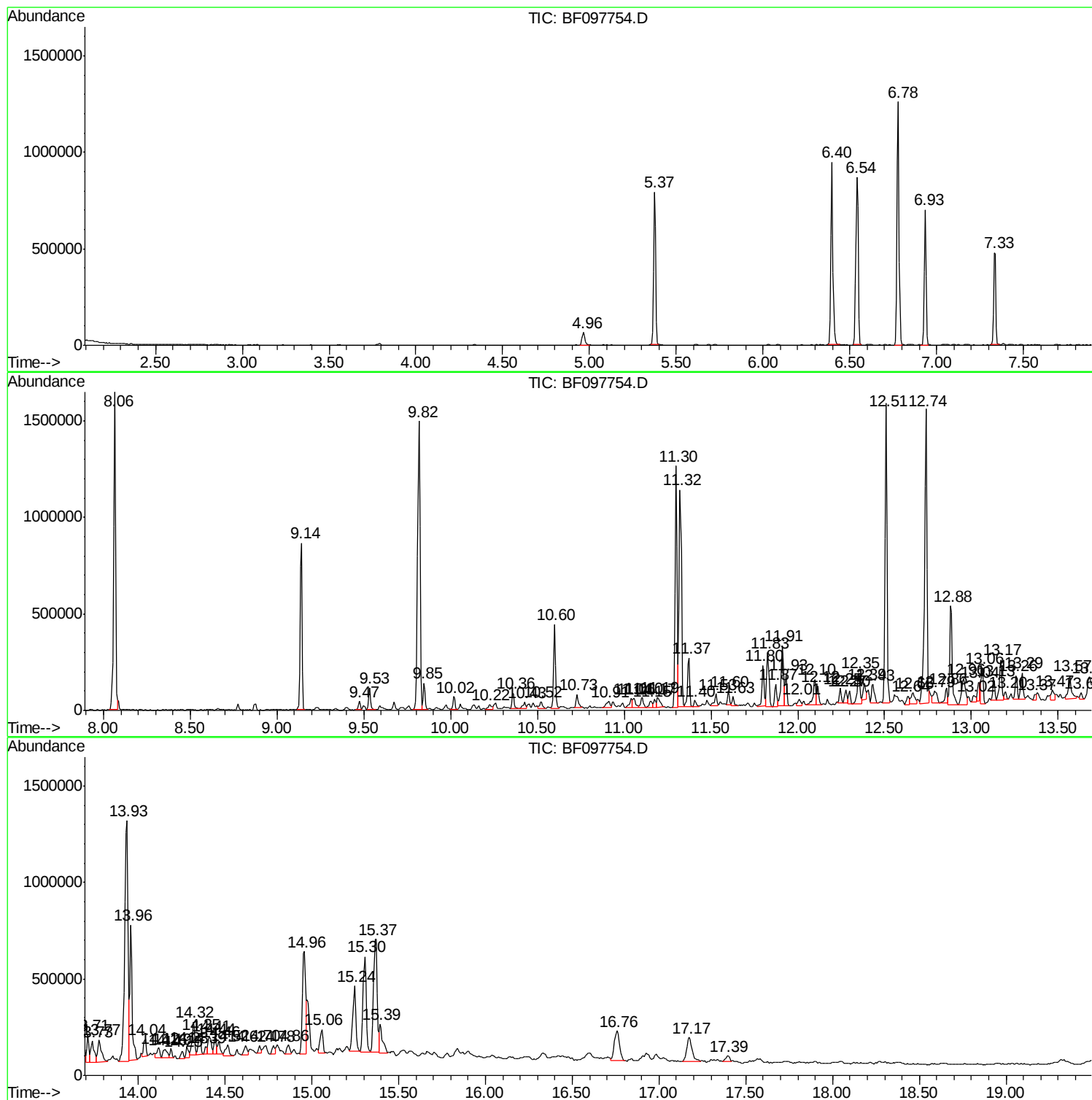
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Instrument :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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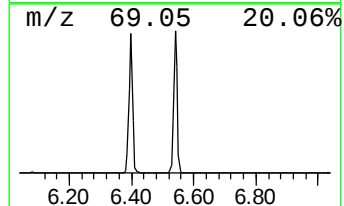
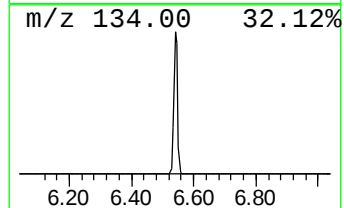
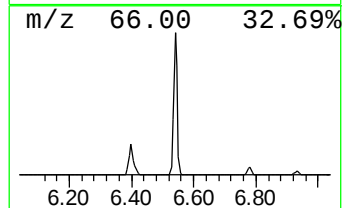
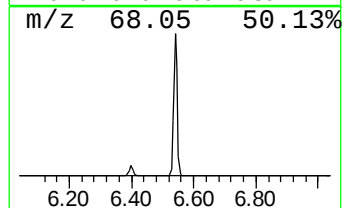
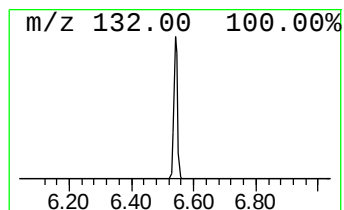
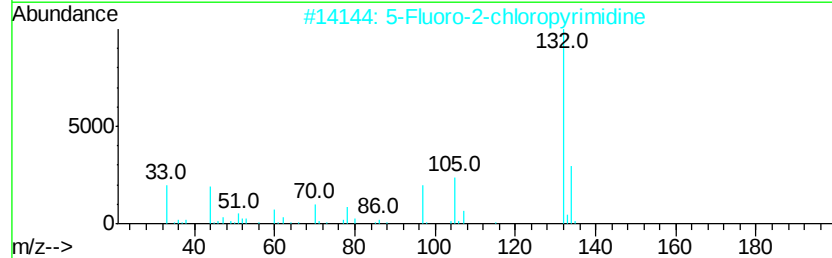
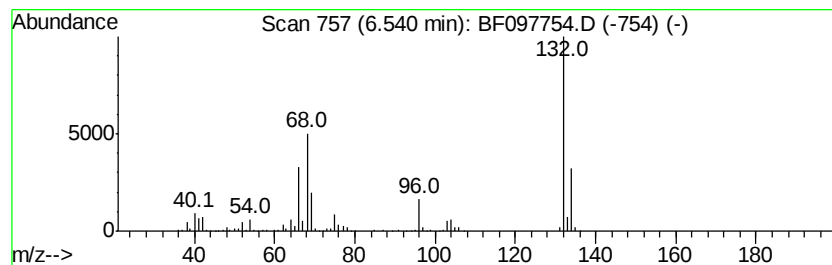
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown6.54 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	14.22 ng	733872	1,4-Dichlorobenzene-d4	6.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3		Tranvlcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4		2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
5		Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10



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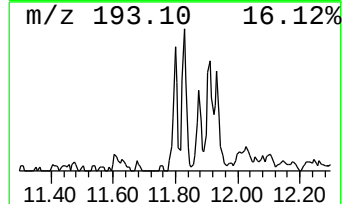
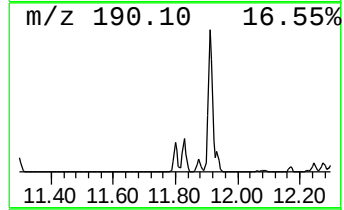
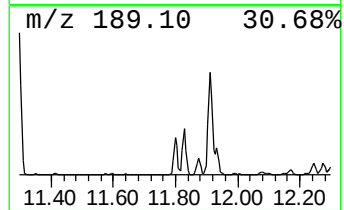
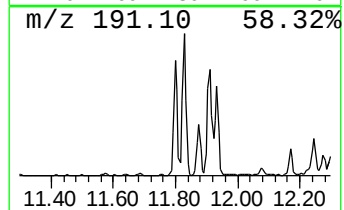
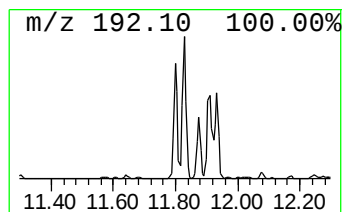
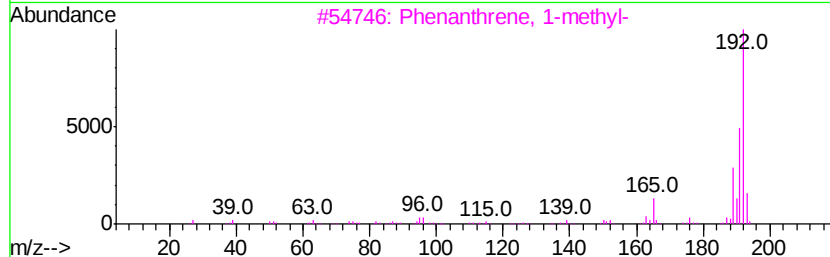
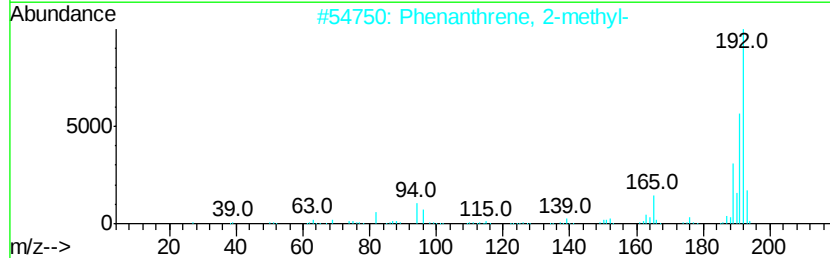
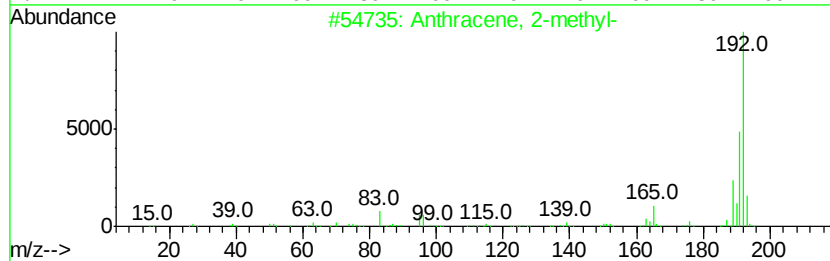
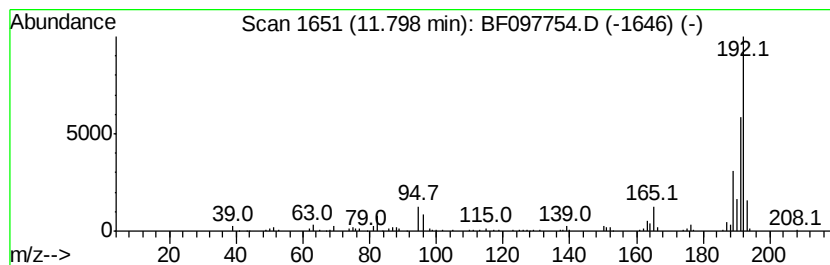
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	3.83 ng	203157	Phenanthrene-d10	11.30

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93



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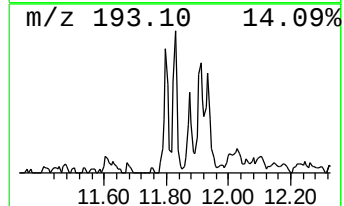
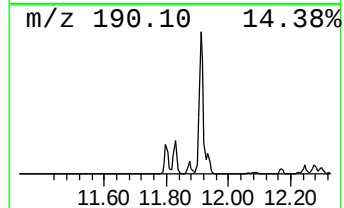
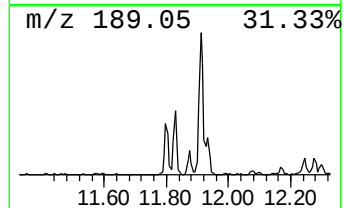
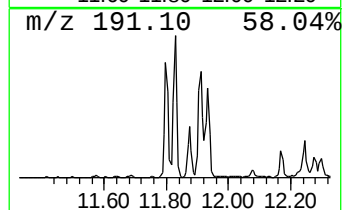
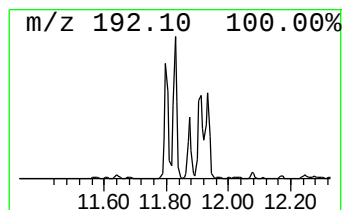
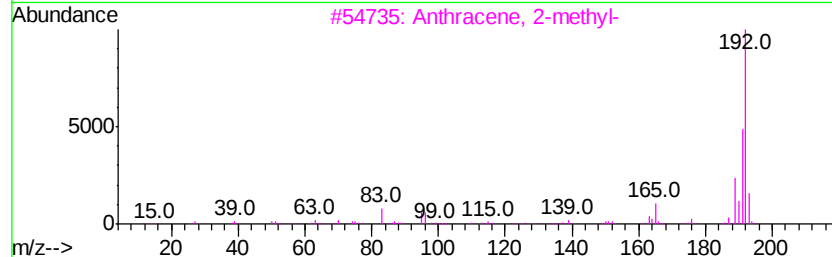
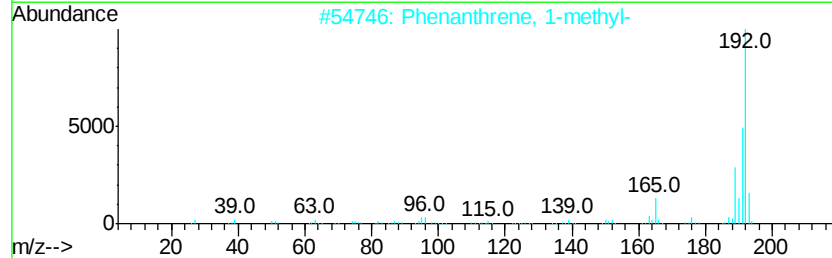
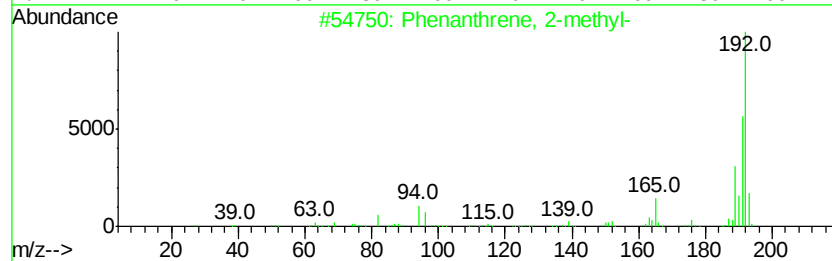
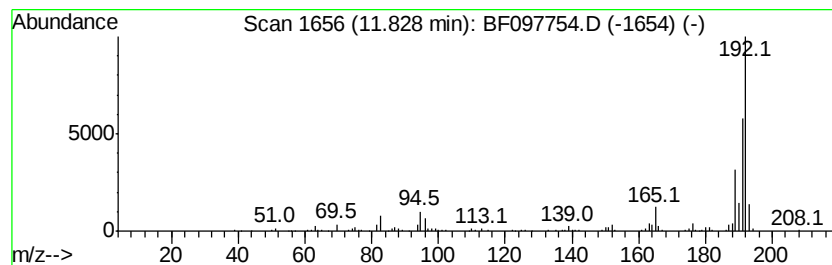
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Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.83	4.02 ng	213041	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	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95



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ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S11-WC-4

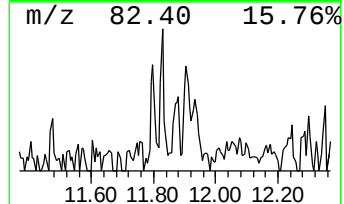
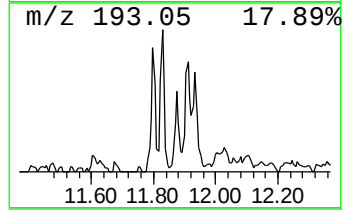
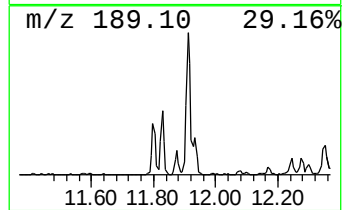
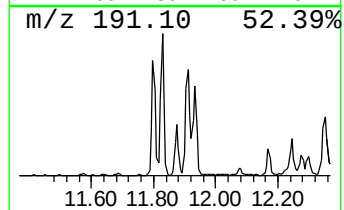
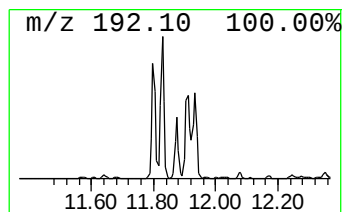
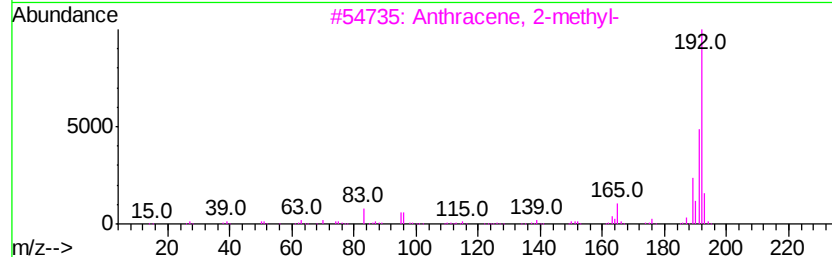
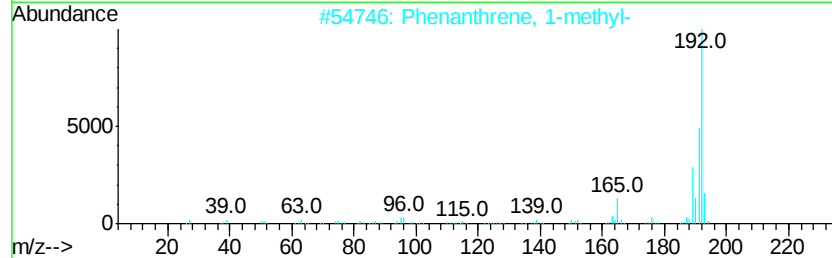
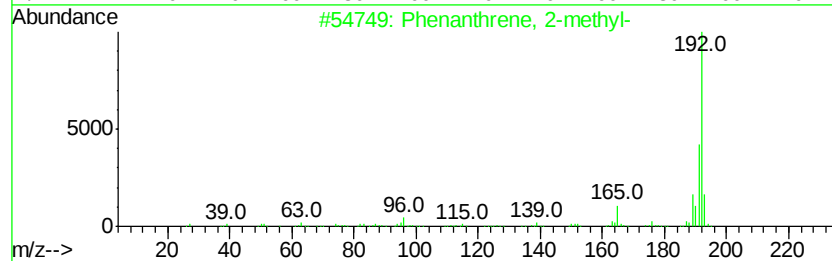
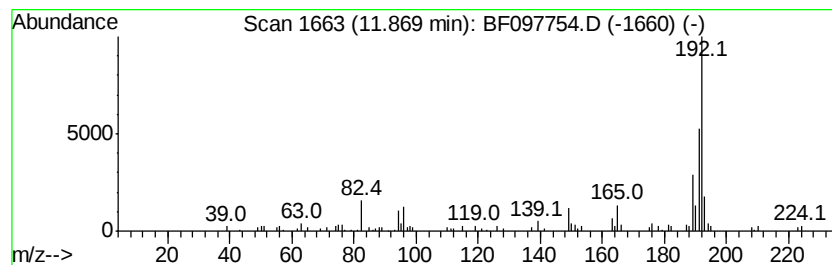
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	2.04 ng	108158	Phenanthrene-d10	11.30

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5		1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
Data File : BF097754.D
Acq On : 16 Aug 2017 22:25
Operator : SJ/JU
Sample : I4739-04 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

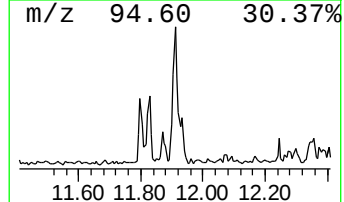
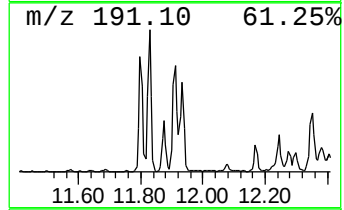
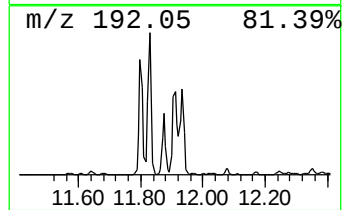
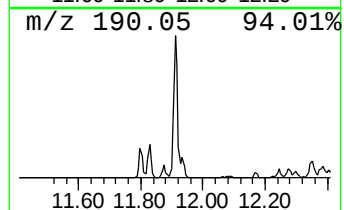
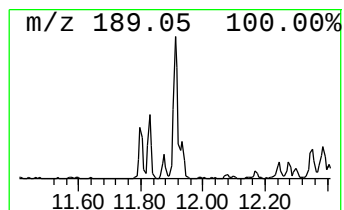
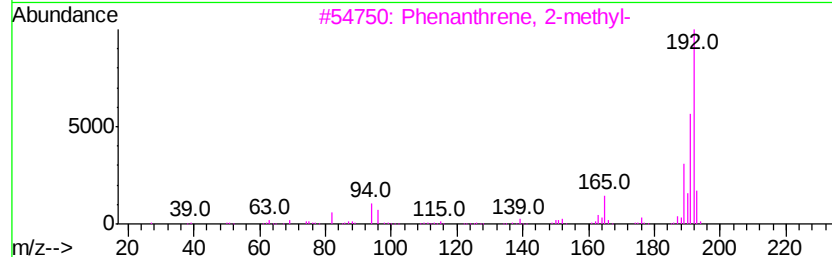
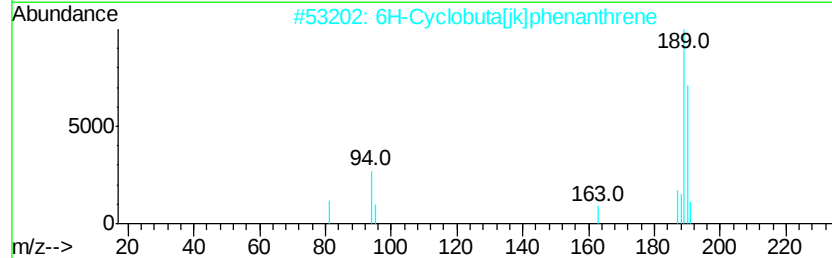
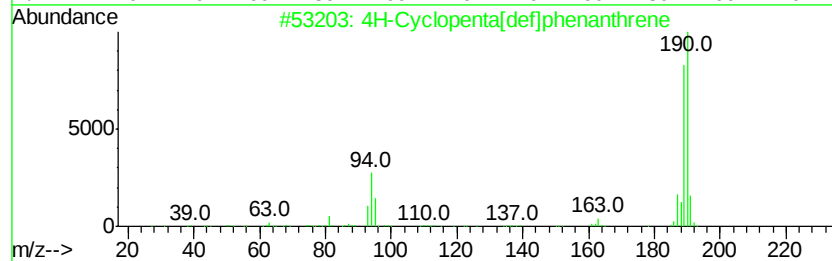
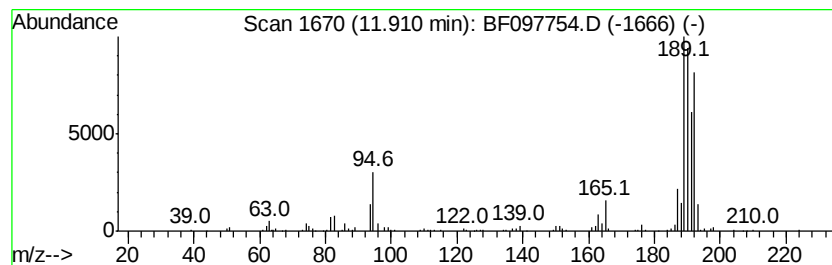
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.91	6.39 ng	338744	Phenanthrene-d10		11.30
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	49
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	38
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	38
5	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081617\
Data File : BF097754.D
Acq On : 16 Aug 2017 22:25
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Sample : I4739-04 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

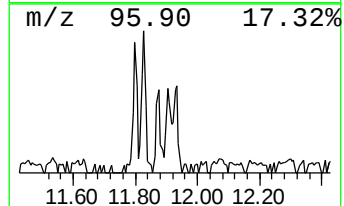
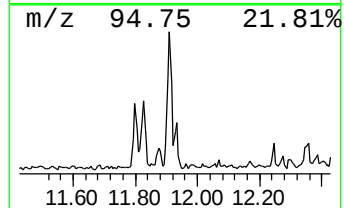
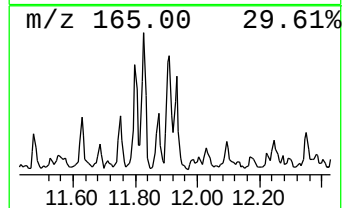
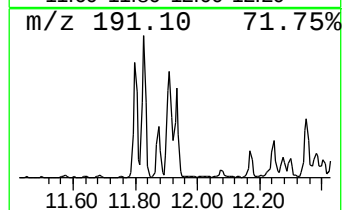
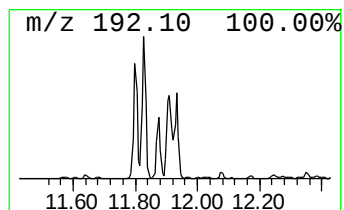
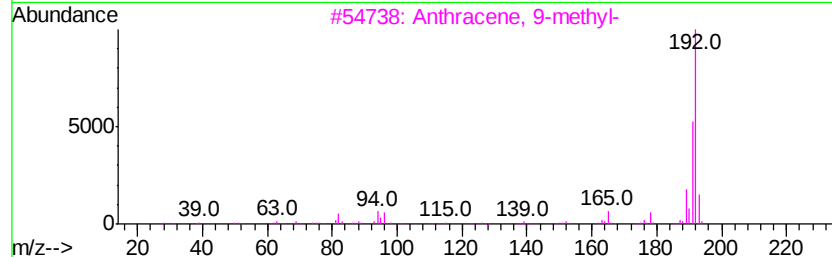
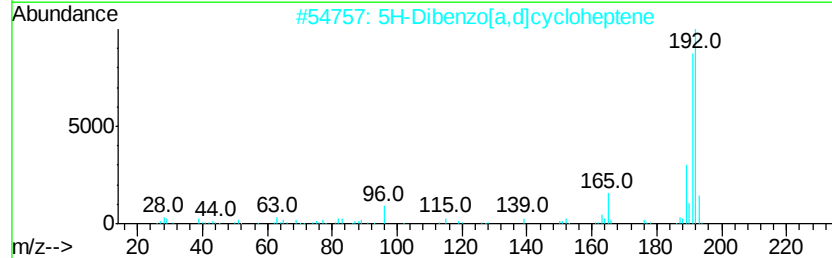
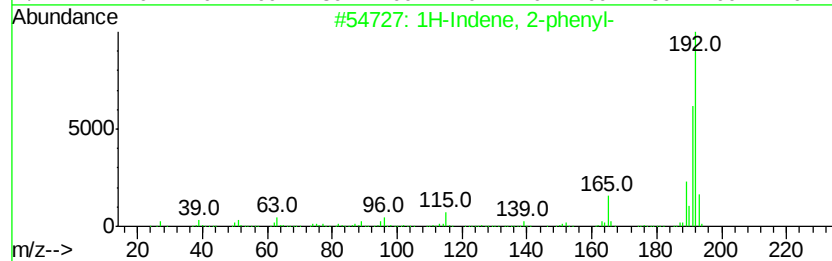
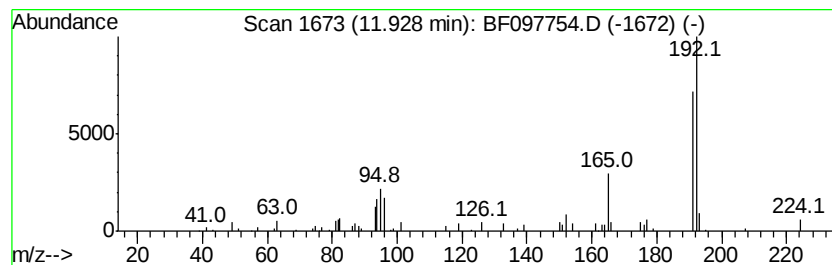
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1H-Indene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.93	2.37 ng	125692	Phenanthrene-d10		11.30
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	87
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	83
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	80
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081617\
Data File : BF097754.D
Acq On : 16 Aug 2017 22:25
Operator : SJ/JU
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Misc :
ALS Vial : 22 Sample Multiplier: 1

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ClientSampleId :
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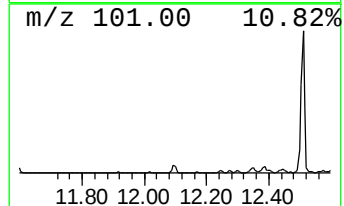
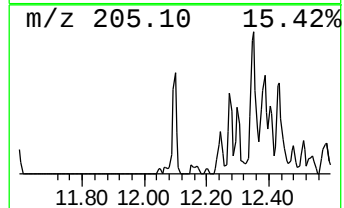
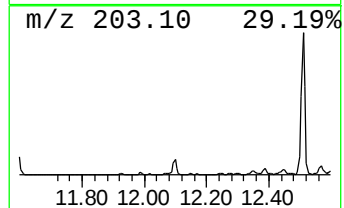
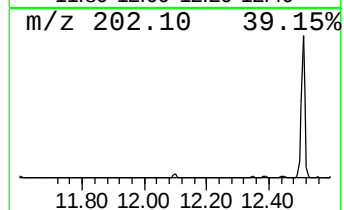
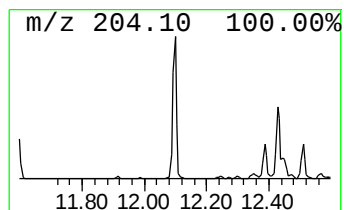
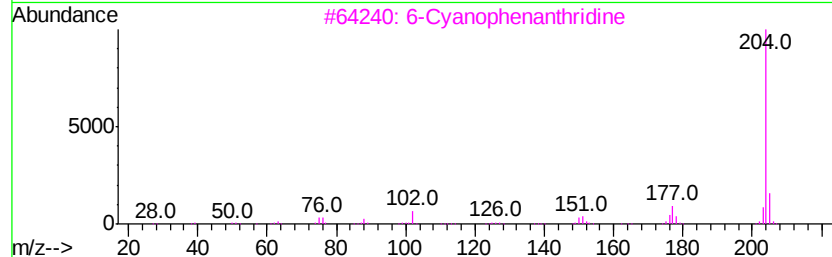
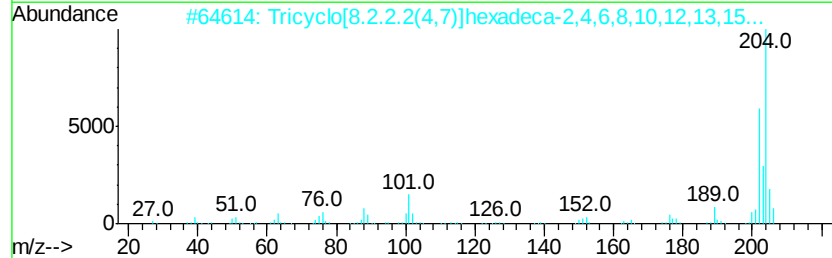
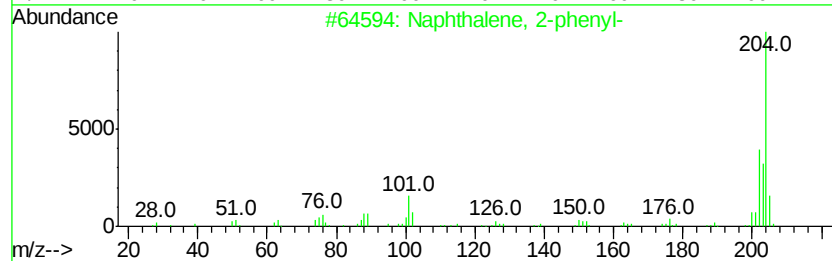
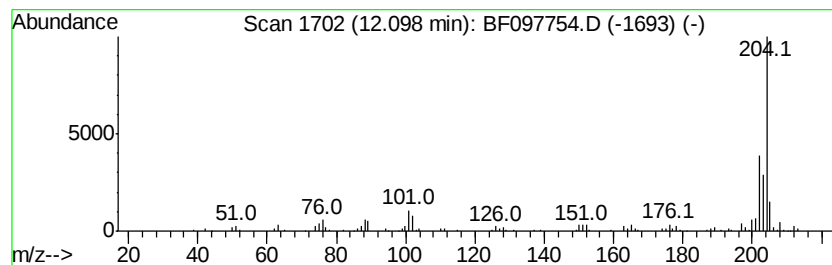
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	2.81 ng	149032	Phenanthrene-d10	11.30

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
3		6-Cyanophenanthridine	204	C14H8N2	002176-28-5	55
4		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	53
5		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081617\
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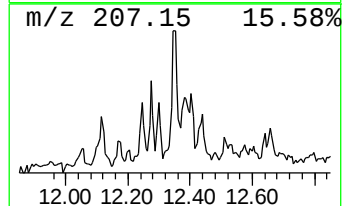
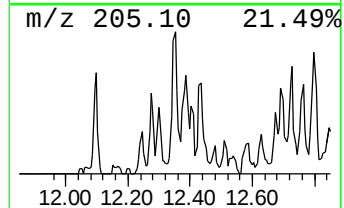
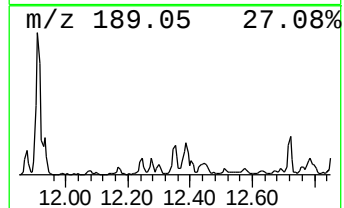
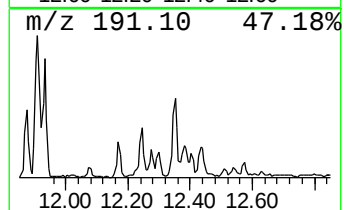
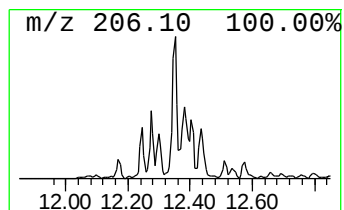
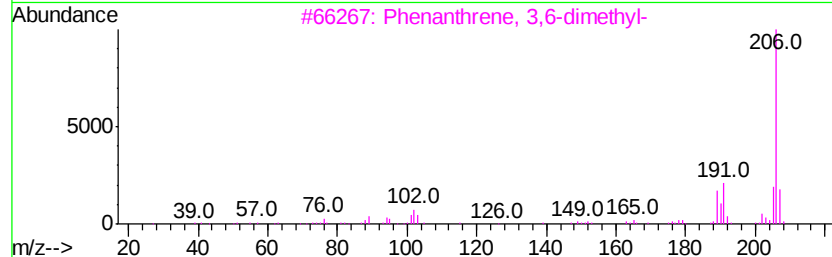
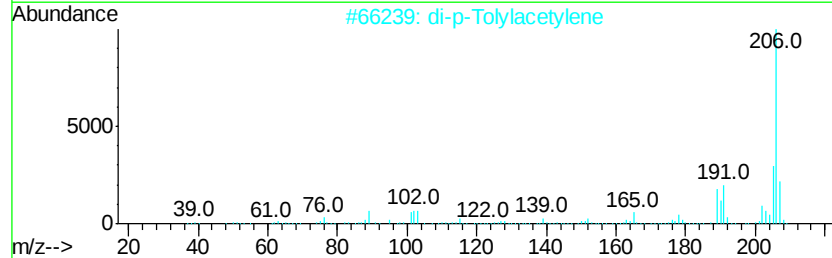
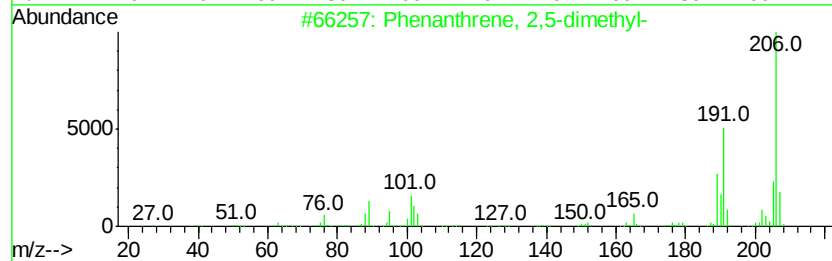
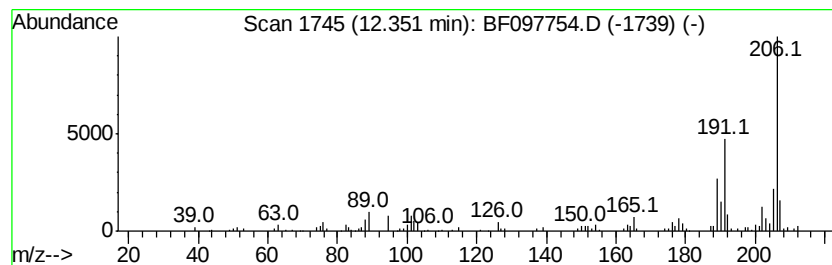
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	3.68 ng	195312	Phenanthrene-d10	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2		di-p-Tolylacetylene	206	C16H14	002789-88-0	96
3		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4		9,10-Dimethylantracene	206	C16H14	000781-43-1	91
5		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
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Misc :
ALS Vial : 22 Sample Multiplier: 1

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ClientSampleId :
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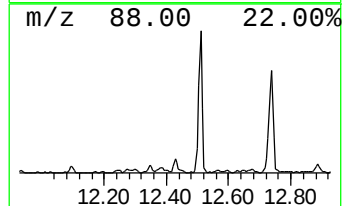
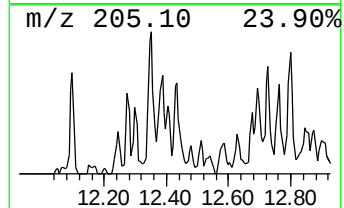
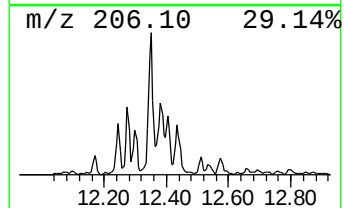
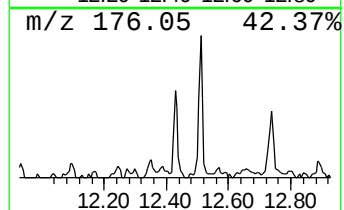
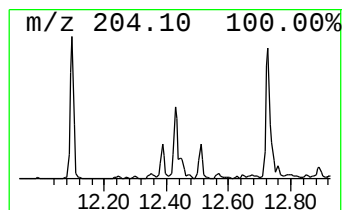
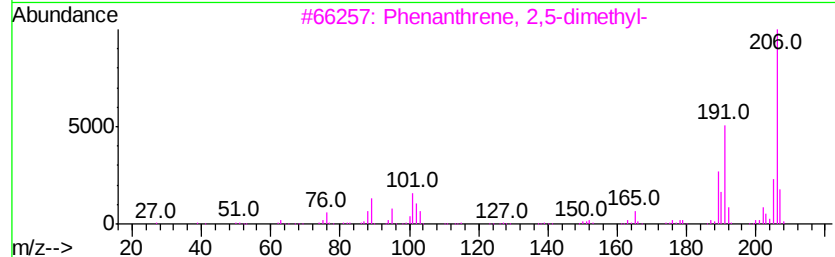
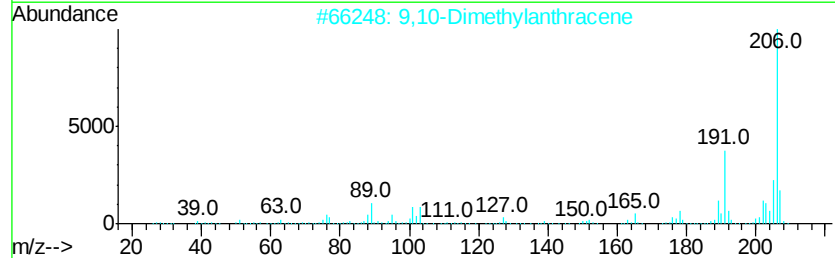
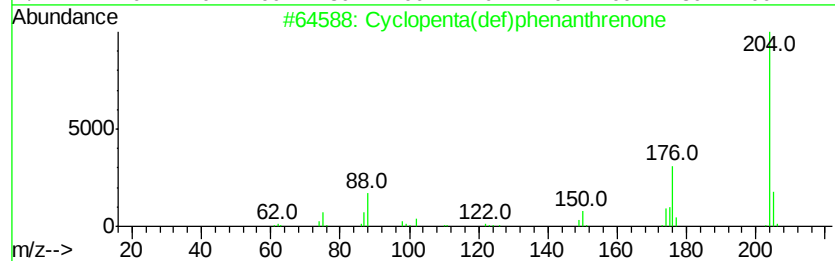
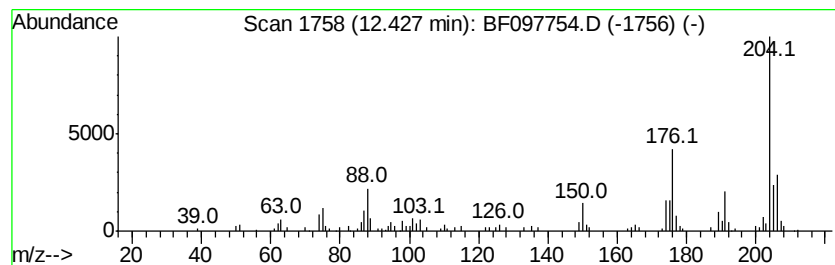
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	2.35 ng	124342	Phenanthrene-d10	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	86
2		9,10-Dimethylantracene	206	C16H14	000781-43-1	41
3		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	41
4		1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	38
5		1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
Data File : BF097754.D
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Misc :
ALS Vial : 22 Sample Multiplier: 1

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ClientSampleId :
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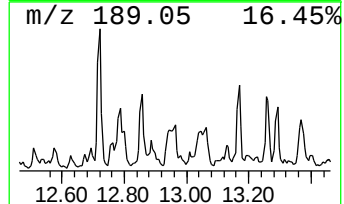
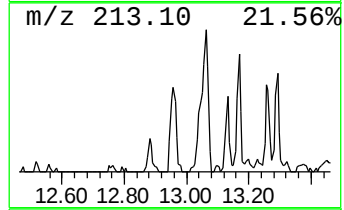
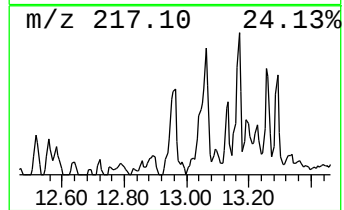
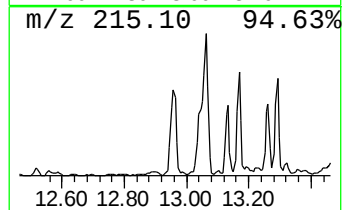
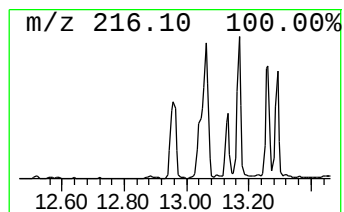
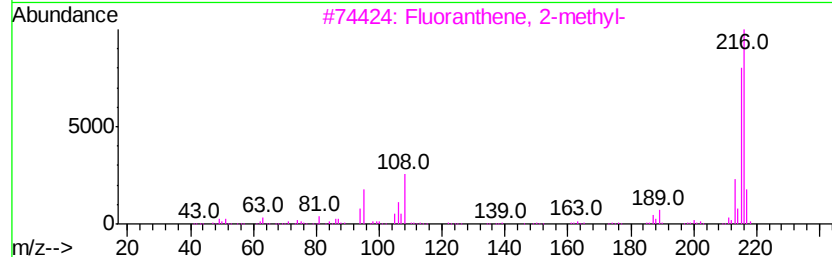
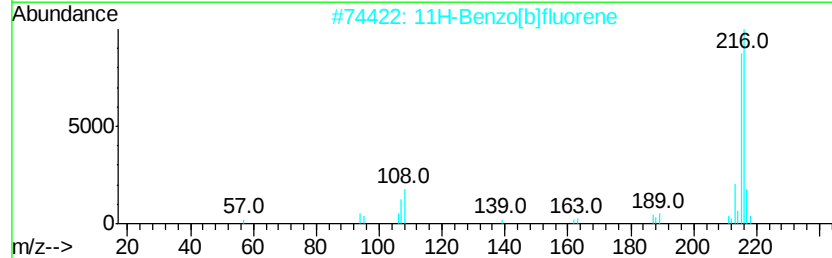
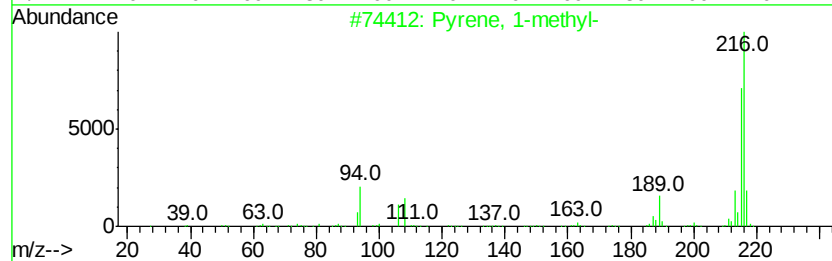
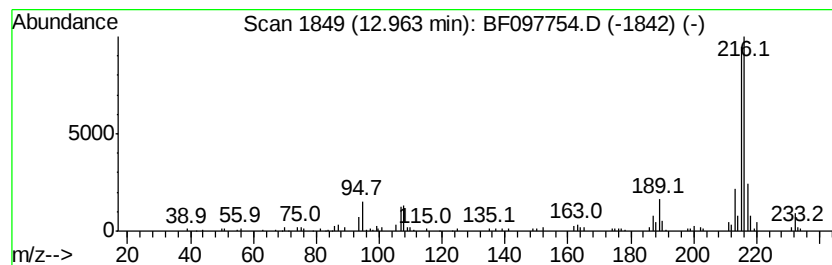
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	2.39 ng	204391	Chrysene-d12	13.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4		Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
5		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81



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Data File : BF097754.D
Acq On : 16 Aug 2017 22:25
Operator : SJ/JU
Sample : I4739-04 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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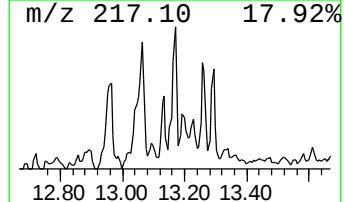
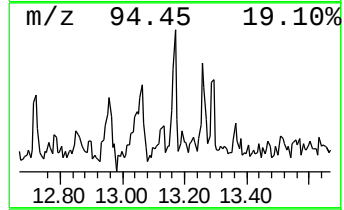
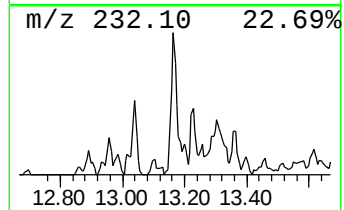
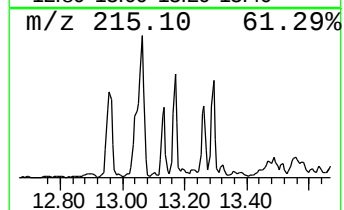
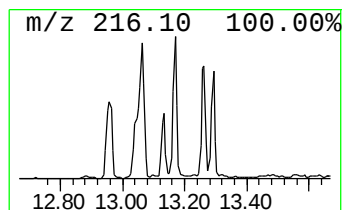
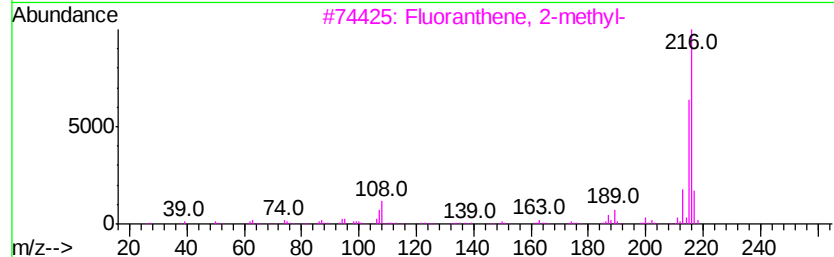
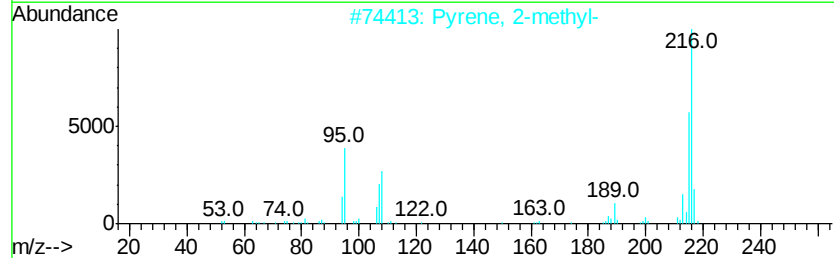
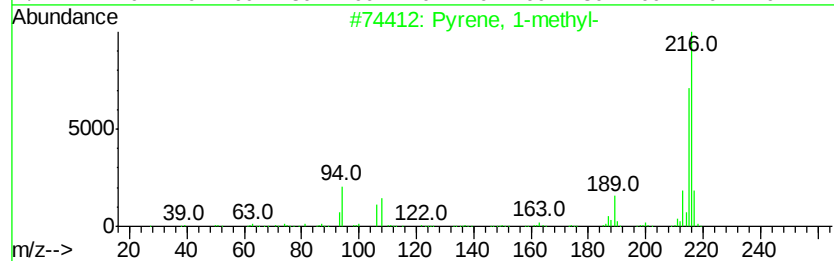
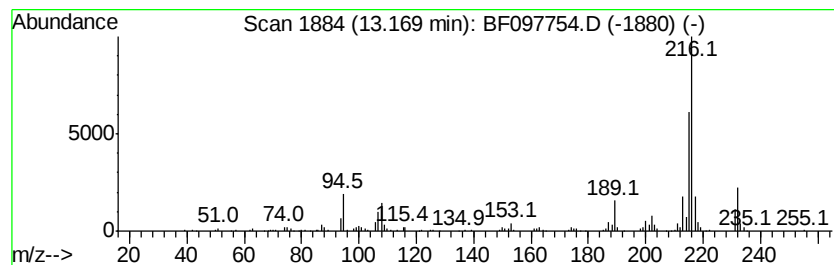
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pyrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	2.42 ng	206911	Chrysene-d12	13.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2		Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	92
4		11H-Benzo[alfluorene	216	C17H12	000238-84-6	70
5		Pyrene, 4-methyl-	216	C17H12	003353-12-6	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081617\
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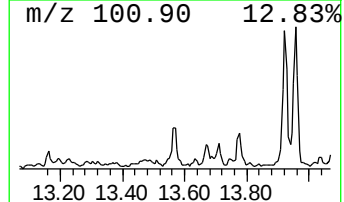
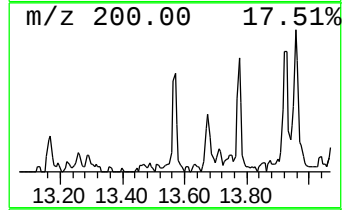
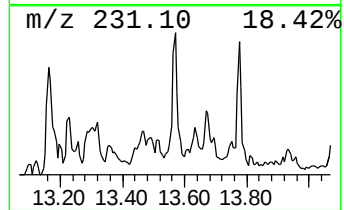
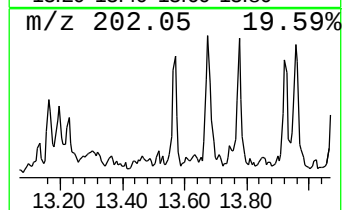
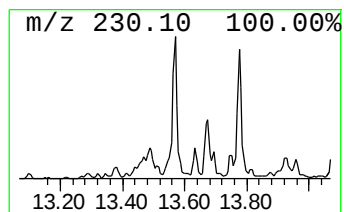
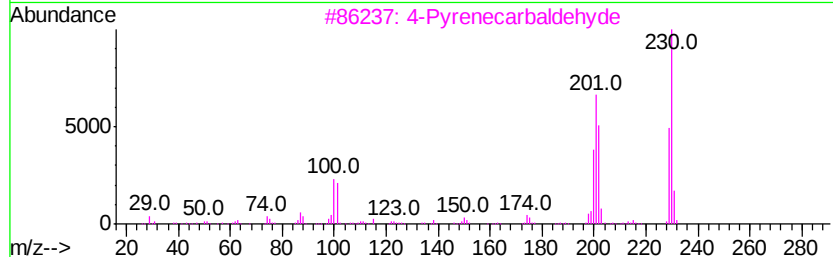
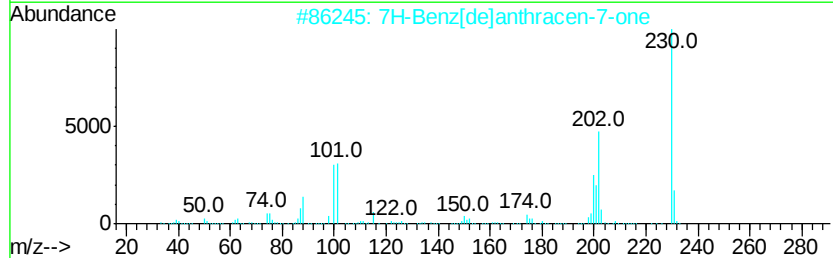
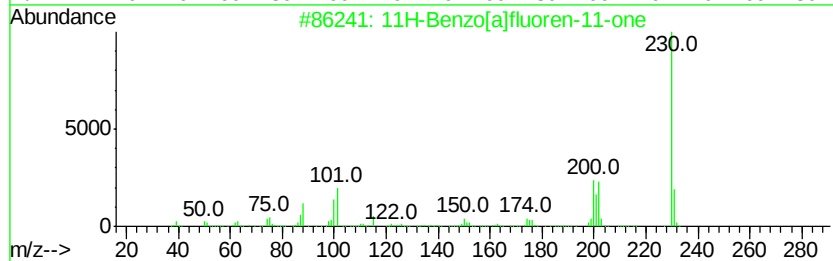
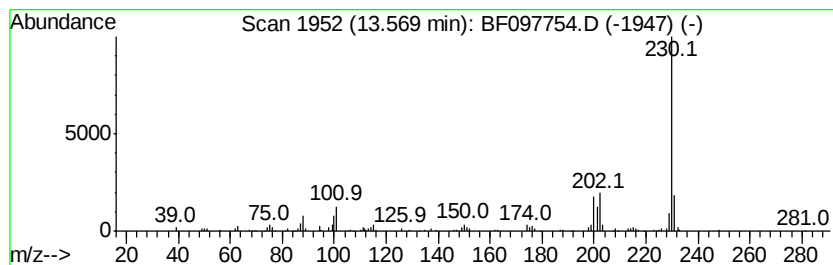
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 11H-Benzo[a]fluoren-11-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.57	2.00 ng	171746	Chrysene-d12	13.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	93
3			4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	87
4			(E)-.alpha.,.alpha.'-Dicvanostil...	230	C16H10N2	002450-55-7	72
5			1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	64



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Data File : BF097754.D
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Sample : I4739-04 5X
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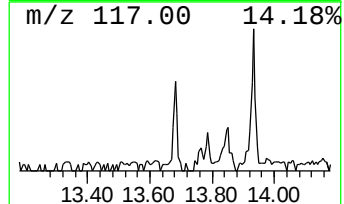
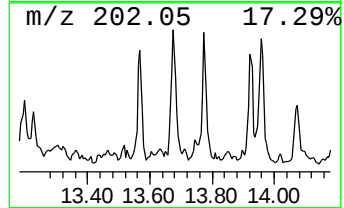
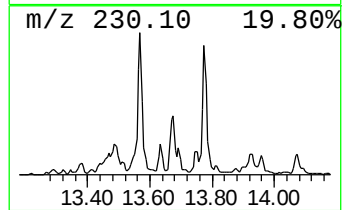
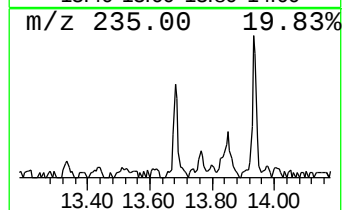
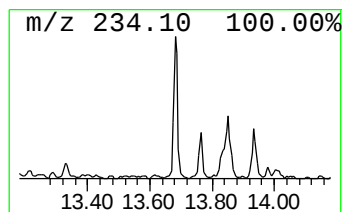
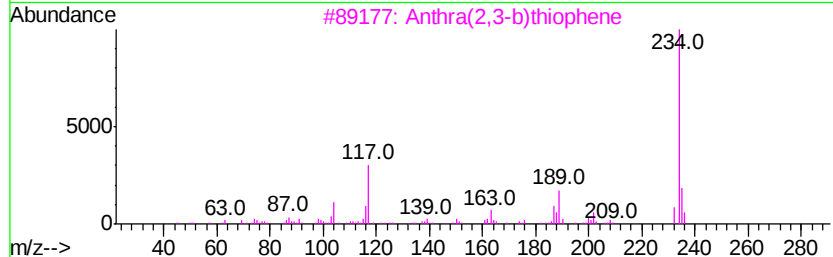
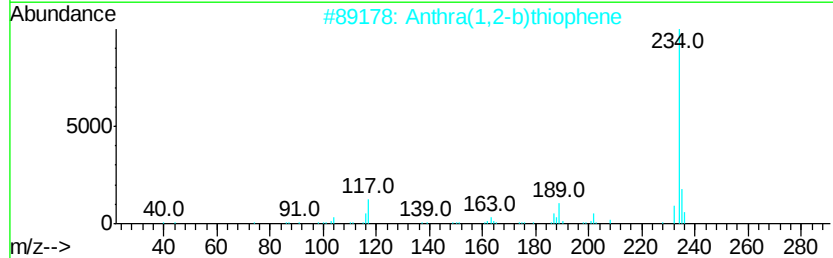
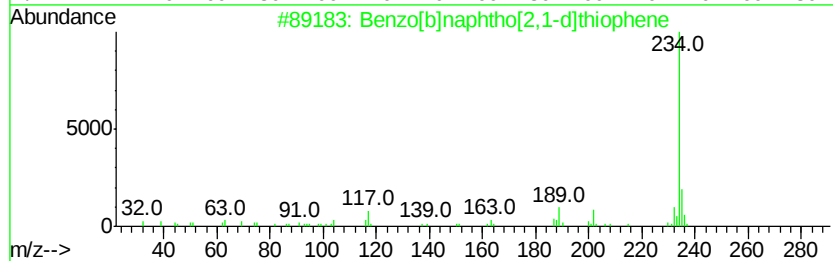
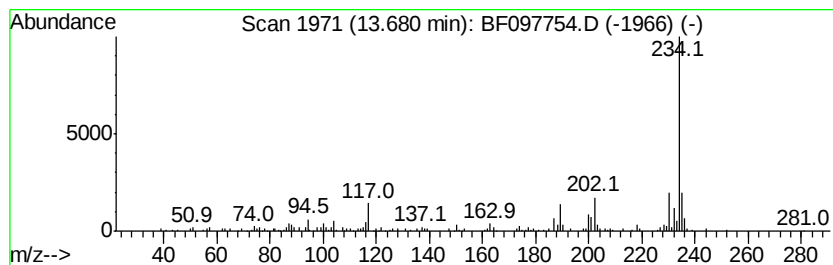
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.68	2.29 ng	196268	Chrysene-d12	13.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
2		Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	95
3		Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	93
4		Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	91
5		Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	76



Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
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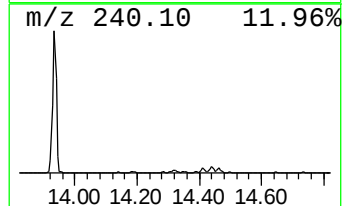
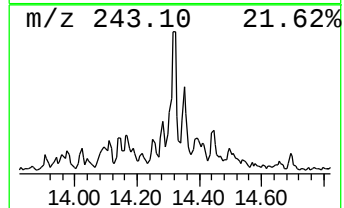
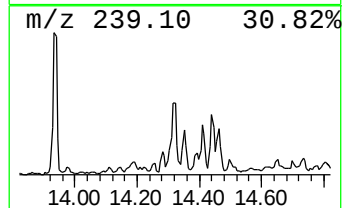
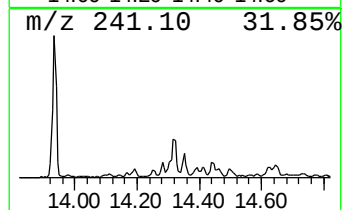
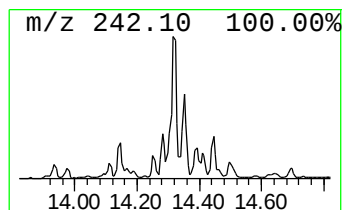
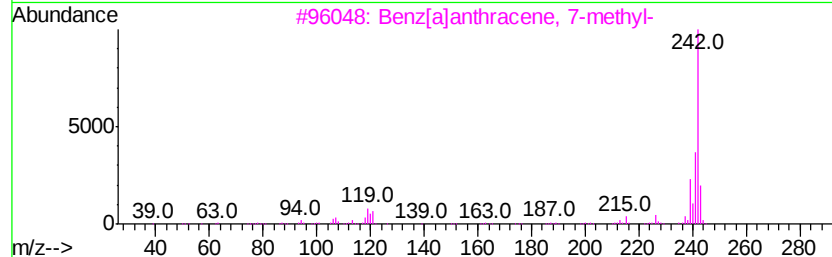
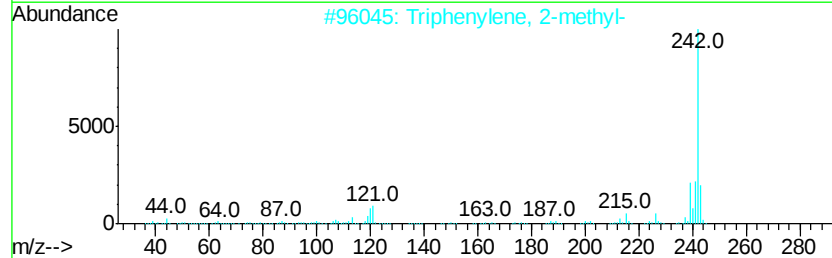
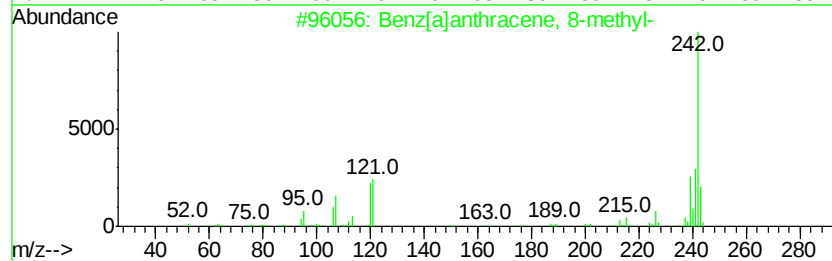
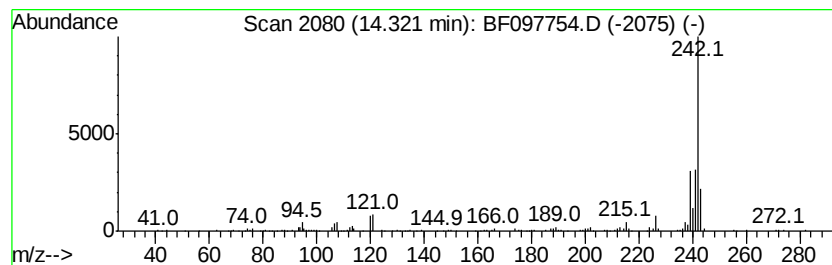
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benz[a]anthracene, 8-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.32	2.22 ng	190275	Chrysene-d12	13.93		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benz[alanthracene, 8-methyl-	242	C19H14	002381-31-9	95
2		Triphenylene, 2-methyl-	242	C19H14	001705-84-6	94
3		Benz[alanthracene, 7-methyl-	242	C19H14	002541-69-7	94
4		Chrysene, 1-methyl-	242	C19H14	003351-28-8	93
5		Chrysene, 5-methyl-	242	C19H14	003697-24-3	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081617\
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Acq On : 16 Aug 2017 22:25
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Misc :
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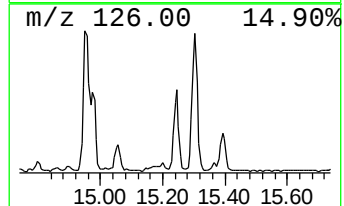
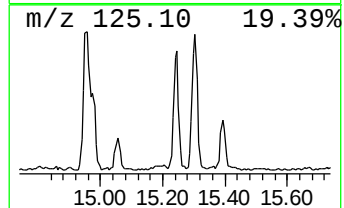
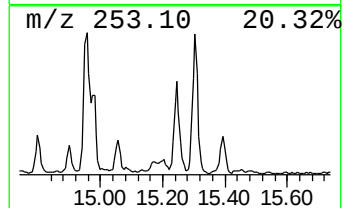
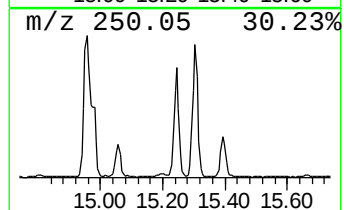
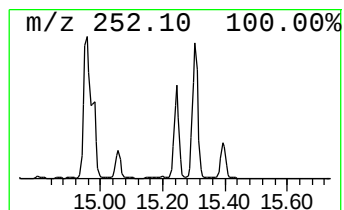
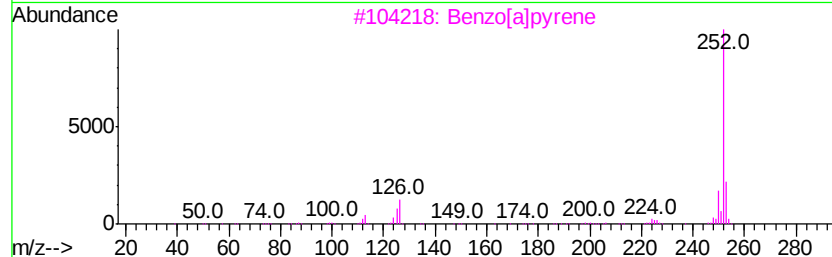
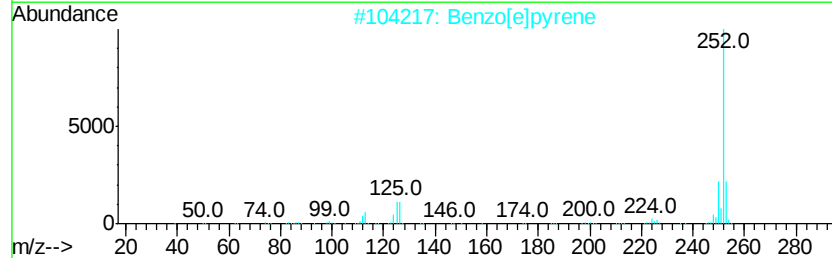
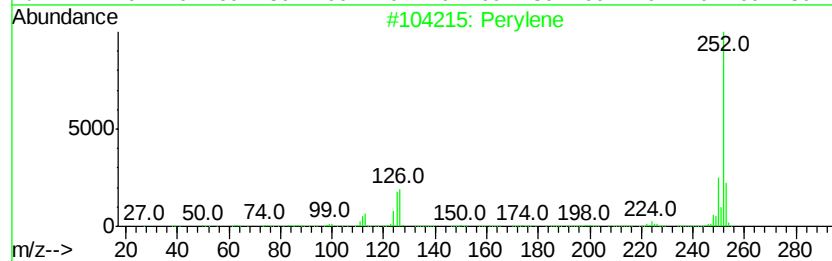
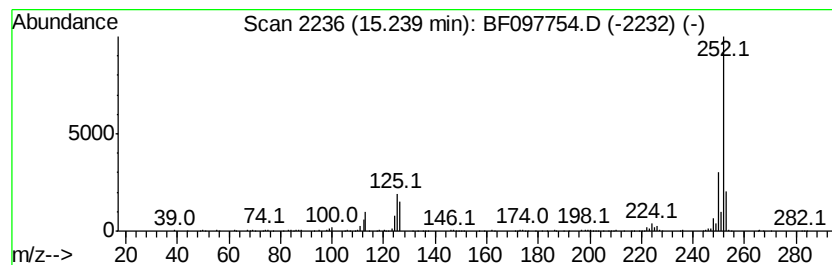
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	9.96 ng	388933	Perylene-d12	15.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Perylene	252	C20H12	000198-55-0	98
2		Benzo[e]pyrene	252	C20H12	000192-97-2	97
3		Benzo[a]pyrene	252	C20H12	000050-32-8	93
4		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	91
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	90



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 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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 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
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Anthracene, 2-met...	11.80	3.8	ng	203157	4	11.30	1060090	20.0
Phenanthrene, 2-m...	11.83	4.0	ng	213041	4	11.30	1060090	20.0
Phenanthrene, 1-m...	11.87	2.0	ng	108158	4	11.30	1060090	20.0
4H-Cyclopenta[def...	11.91	6.4	ng	338744	4	11.30	1060090	20.0
1H-Indene, 2-phenyl-	11.93	2.4	ng	125692	4	11.30	1060090	20.0
Naphthalene, 2-ph...	12.10	2.8	ng	149032	4	11.30	1060090	20.0
Phenanthrene, 2,5...	12.35	3.7	ng	195312	4	11.30	1060090	20.0
Cyclopenta(def)ph...	12.43	2.4	ng	124342	4	11.30	1060090	20.0
Pyrene, 1-methyl-	12.96	2.4	ng	204391	5	13.93	1713190	20.0
Pyrene, 2-methyl-	13.17	2.4	ng	206911	5	13.93	1713190	20.0
11H-Benzo[a]fluor...	13.57	2.0	ng	171746	5	13.93	1713190	20.0
Benzo[b]naphtho[2...	13.68	2.3	ng	196268	5	13.93	1713190	20.0
Benz[a]anthracene...	14.32	2.2	ng	190275	5	13.93	1713190	20.0
Perylene	15.24	10.0	ng	388933	6	15.37	781246	20.0