

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070317\
 Data File : BF096451.D
 Acq On : 3 Jul 2017 19:53
 Operator : SJ/MA
 Sample : I3991-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-062917-A

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-BF070117.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	3.081	164	169	182	rBV	159402	327386	9.70%	0.567%
2	4.916	476	481	491	rBV	438595	589057	17.46%	1.021%
3	5.340	548	553	557	rBV	2966102	3270456	96.95%	5.667%
4	6.369	722	728	732	rVB	2939651	3373469	100.00%	5.846%
5	6.498	745	750	753	rBV	3138840	3096609	91.79%	5.366%
6	6.722	784	788	792	rBV	837889	747770	22.17%	1.296%
7	6.881	811	815	819	rVB	2367738	2132380	63.21%	3.695%
8	7.286	878	884	887	rBV	1897777	1850367	54.85%	3.207%
9	7.386	896	901	904	rVB2	58211	70105	2.08%	0.121%
10	7.916	987	991	994	rBV	60091	60868	1.80%	0.105%
11	8.004	1002	1006	1012	rBV	1044918	929230	27.55%	1.610%
12	9.080	1185	1189	1193	rBV	2706887	2711531	80.38%	4.699%
13	9.204	1208	1210	1214	rVB	107540	102449	3.04%	0.178%
14	9.475	1252	1256	1259	rBV	846439	703618	20.86%	1.219%
15	9.616	1277	1280	1284	rBV	248754	205324	6.09%	0.356%
16	9.663	1284	1288	1292	rVV	41730	63589	1.88%	0.110%
17	9.757	1299	1304	1307	rVV	1019889	909661	26.97%	1.576%
18	9.786	1307	1309	1313	rVB	126371	102737	3.05%	0.178%
19	9.963	1336	1339	1342	rVB2	73577	70649	2.09%	0.122%
20	10.075	1353	1358	1360	rBV3	40273	60501	1.79%	0.105%
21	10.204	1377	1380	1383	rVB2	89526	73174	2.17%	0.127%
22	10.304	1394	1397	1402	rVB	101030	101812	3.02%	0.176%
23	10.369	1402	1408	1410	rBV3	52953	69047	2.05%	0.120%
24	10.422	1413	1417	1421	rVB4	44993	60247	1.79%	0.104%
25	10.545	1433	1438	1441	rVB	1300795	1329308	39.40%	2.304%
26	10.645	1451	1455	1456	rBV	72571	69574	2.06%	0.121%
27	10.674	1456	1460	1467	rVB3	126613	200604	5.95%	0.348%
28	10.998	1513	1515	1520	rVB2	71980	61950	1.84%	0.107%
29	11.039	1520	1522	1527	rVB4	62589	76817	2.28%	0.133%
30	11.092	1527	1531	1534	rBV2	79357	121371	3.60%	0.210%
31	11.121	1534	1536	1540	rVV2	115935	143723	4.26%	0.249%
32	11.239	1552	1556	1558	rBV	812101	800594	23.73%	1.387%
33	11.263	1558	1560	1563	rVB	1034450	781813	23.18%	1.355%
34	11.310	1563	1568	1571	rBV	551046	460318	13.65%	0.798%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.345	1571	1574	1578	rBV3	64007	72216	2.14%	0.125%
36	11.474	1591	1596	1598	rBV2	104841	135598	4.02%	0.235%
37	11.533	1604	1606	1610	rBV2	60966	89440	2.65%	0.155%
38	11.569	1610	1612	1614	rVB	84696	58879	1.75%	0.102%
39	11.739	1635	1641	1643	rBV	312737	289239	8.57%	0.501%
40	11.769	1643	1646	1650	rVB	429924	420512	12.47%	0.729%
41	11.816	1650	1654	1656	rBV	224171	218157	6.47%	0.378%
42	11.851	1656	1660	1662	rVV	587530	606448	17.98%	1.051%
43	11.874	1662	1664	1667	rVB	223903	179241	5.31%	0.311%
44	12.033	1689	1691	1693	rVV	225304	188623	5.59%	0.327%
45	12.051	1693	1694	1698	rVV3	108121	102453	3.04%	0.178%
46	12.186	1714	1717	1719	rVB	95772	80326	2.38%	0.139%
47	12.216	1719	1722	1724	rBV	109989	86100	2.55%	0.149%
48	12.239	1724	1726	1728	rVB	99150	71979	2.13%	0.125%
49	12.292	1731	1735	1738	rBV	301334	349906	10.37%	0.606%
50	12.327	1738	1741	1743	rVV	184258	208167	6.17%	0.361%
51	12.345	1743	1744	1746	rVB	129230	64946	1.93%	0.113%
52	12.368	1746	1748	1754	rVB3	257819	296563	8.79%	0.514%
53	12.451	1758	1762	1766	rBV	2640003	2849238	84.46%	4.937%
54	12.498	1766	1770	1775	rBV3	98187	156146	4.63%	0.271%
55	12.598	1782	1787	1789	rBV2	91136	117905	3.50%	0.204%
56	12.680	1795	1801	1804	rBV2	2613054	3353441	99.41%	5.811%
57	12.721	1806	1808	1814	rVB3	171170	271548	8.05%	0.471%
58	12.798	1817	1821	1822	rBV	215024	207130	6.14%	0.359%
59	12.827	1822	1826	1832	rVB	2061070	2186099	64.80%	3.788%
60	12.898	1832	1838	1841	rBV2	389950	601683	17.84%	1.043%
61	12.957	1845	1848	1850	rBV3	58231	69836	2.07%	0.121%
62	13.004	1853	1856	1859	rVB	817567	836281	24.79%	1.449%
63	13.039	1859	1862	1864	rBV3	65476	68149	2.02%	0.118%
64	13.068	1864	1867	1870	rBV	458982	448829	13.30%	0.778%
65	13.110	1870	1874	1876	rVV2	548352	585206	17.35%	1.014%
66	13.133	1876	1878	1881	rVV	190488	193954	5.75%	0.336%
67	13.163	1881	1883	1886	rVV	115637	113729	3.37%	0.197%
68	13.198	1886	1889	1892	rVV	306323	274306	8.13%	0.475%
69	13.227	1892	1894	1900	rVV2	323615	338534	10.04%	0.587%
70	13.304	1904	1907	1910	rBV3	72651	97651	2.89%	0.169%
71	13.380	1917	1920	1922	rBV4	102088	136994	4.06%	0.237%

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72	13.410	1922	1925	1926	rVV2	100202	87133	2.58%	0.151%
73	13.510	1936	1942	1947	rBV2	299643	451321	13.38%	0.782%
74	13.574	1951	1953	1956	rVB	83777	59532	1.76%	0.103%
75	13.621	1956	1961	1963	rBV2	342026	488495	14.48%	0.847%
76	13.651	1963	1966	1968	rVV	317576	294844	8.74%	0.511%
77	13.674	1968	1970	1974	rVV2	231326	295718	8.77%	0.512%
78	13.715	1974	1977	1984	rVB2	385886	557872	16.54%	0.967%
79	13.868	1996	2003	2006	rBV2	1826683	2760535	81.83%	4.784%
80	13.904	2006	2009	2014	rVB	1518294	1580372	46.85%	2.739%
81	13.957	2016	2018	2019	rBV2	78867	59468	1.76%	0.103%
82	13.980	2019	2022	2025	rVB	320894	275749	8.17%	0.478%
83	14.057	2033	2035	2037	rVB2	192420	142949	4.24%	0.248%
84	14.086	2037	2040	2045	rBV3	161380	253359	7.51%	0.439%
85	14.127	2045	2047	2050	rVB3	103064	86757	2.57%	0.150%
86	14.221	2060	2063	2065	rBV	177159	176129	5.22%	0.305%
87	14.257	2066	2069	2072	rVV	437886	475776	14.10%	0.824%
88	14.292	2072	2075	2078	rVB	234682	218506	6.48%	0.379%
89	14.357	2083	2086	2088	rVV3	220815	285931	8.48%	0.495%
90	14.380	2088	2090	2092	rVV	248761	252920	7.50%	0.438%
91	14.404	2092	2094	2098	rVB2	264254	259756	7.70%	0.450%
92	14.557	2117	2120	2123	rBV3	143279	223427	6.62%	0.387%
93	14.892	2172	2177	2180	rBV	1114427	1884249	55.85%	3.265%
94	14.986	2190	2193	2197	rVB	305193	359655	10.66%	0.623%
95	15.174	2221	2225	2230	rVB	587847	764977	22.68%	1.326%
96	15.233	2230	2235	2240	rVB	871256	1100174	32.61%	1.906%
97	15.286	2241	2244	2247	rVV	362480	435048	12.90%	0.754%
98	15.315	2247	2249	2256	rVB2	284968	401128	11.89%	0.695%
99	16.662	2473	2478	2487	rVB2	369677	717488	21.27%	1.243%
100	17.074	2542	2548	2558	rVB	284173	603846	17.90%	1.046%

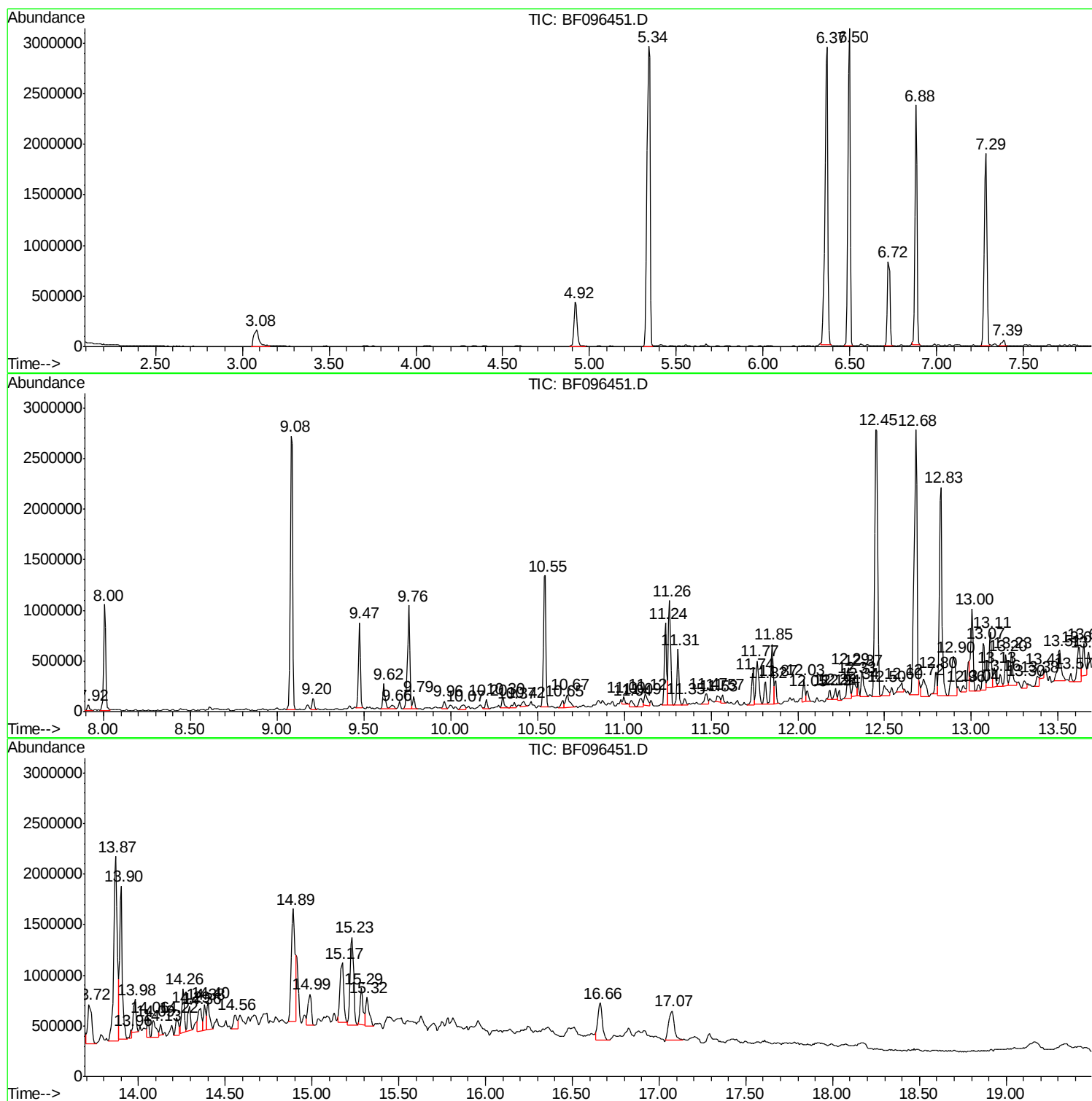
Sum of corrected areas: 57706674

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.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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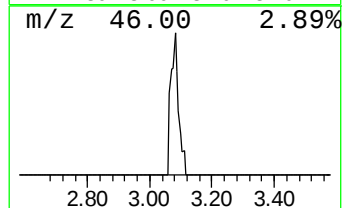
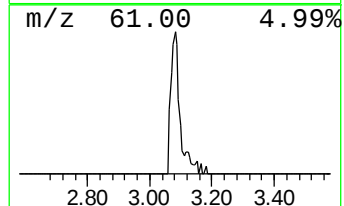
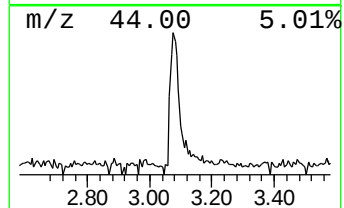
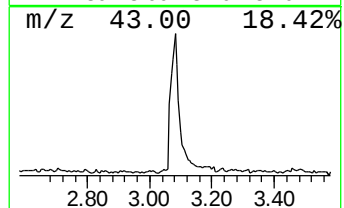
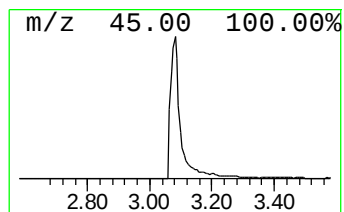
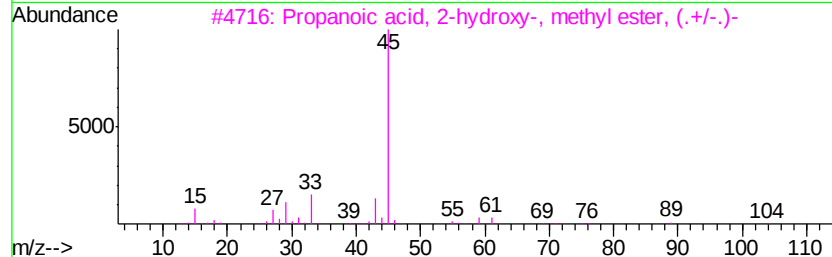
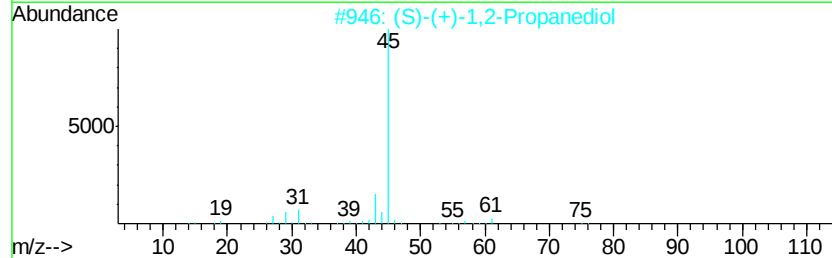
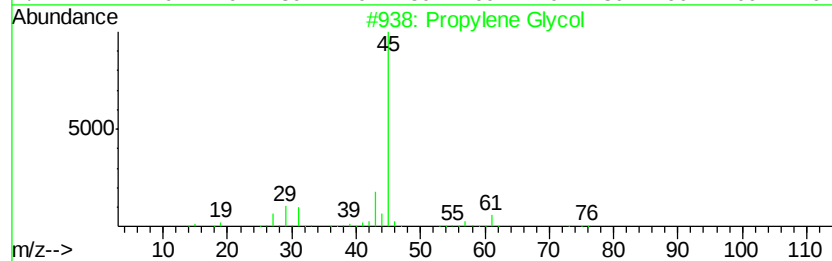
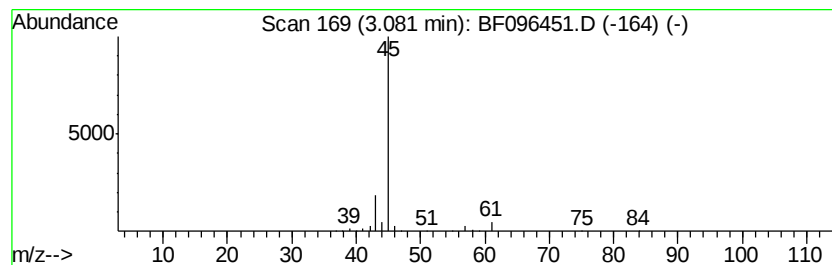
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Propylene Glycol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.08	8.76 ng	327386	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propylene Glycol	76	C3H8O2	000057-55-6	74
2		(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	64
3		Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	002155-30-8	9
4		Formamide	45	CH3NO	000075-12-7	7
5		(R)-(-)-3-Methyl-2-butanol	88	C5H12O	001572-93-6	4



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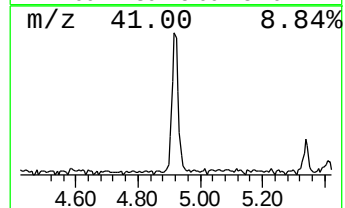
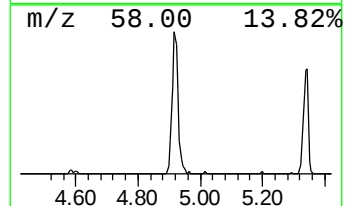
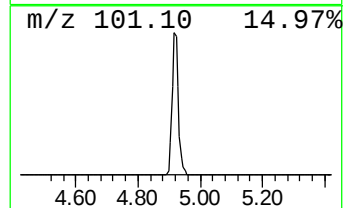
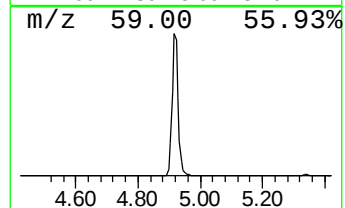
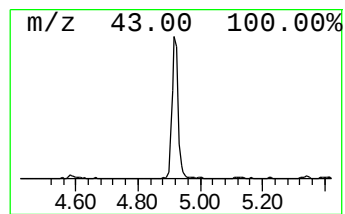
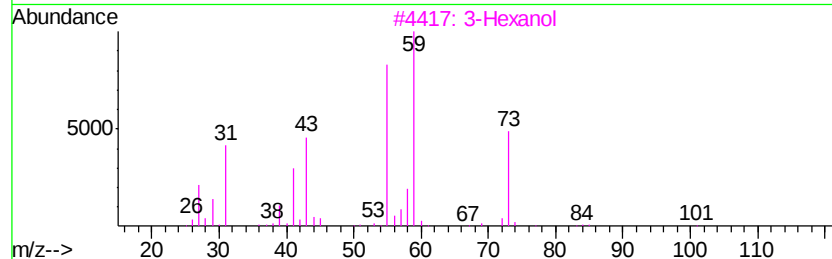
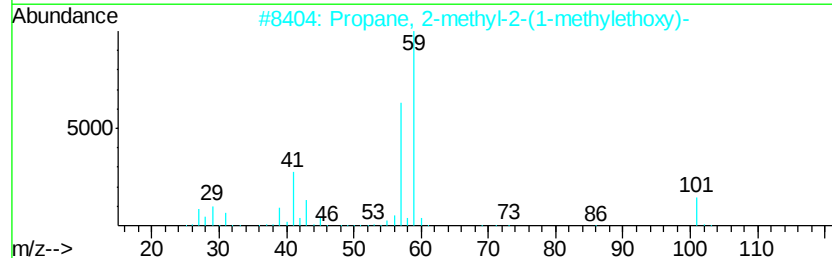
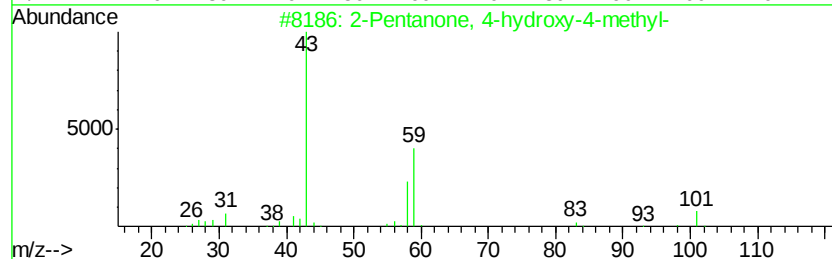
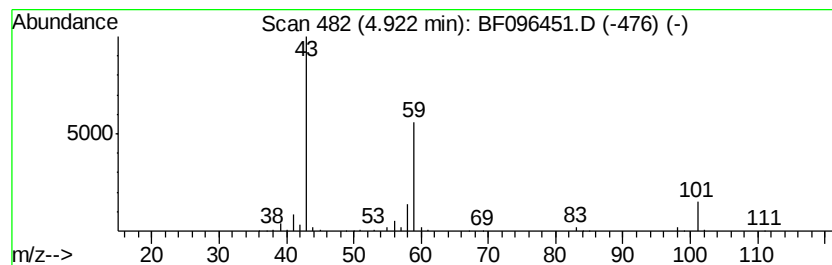
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	15.76 ng	589057	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3		3-Hexanol	102	C6H14O	000623-37-0	33
4		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28



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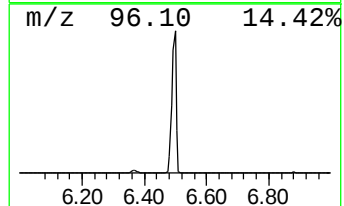
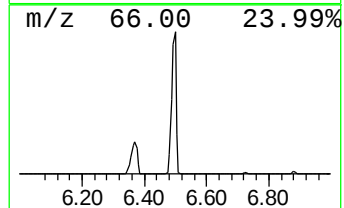
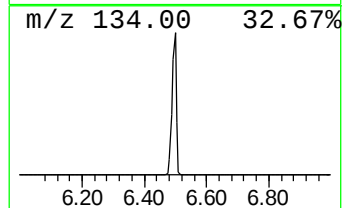
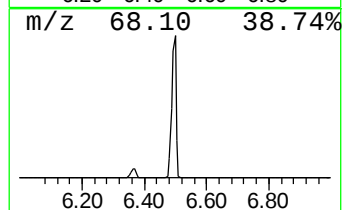
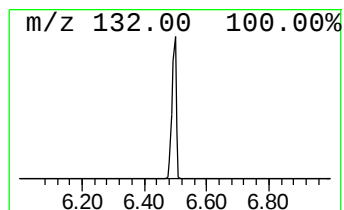
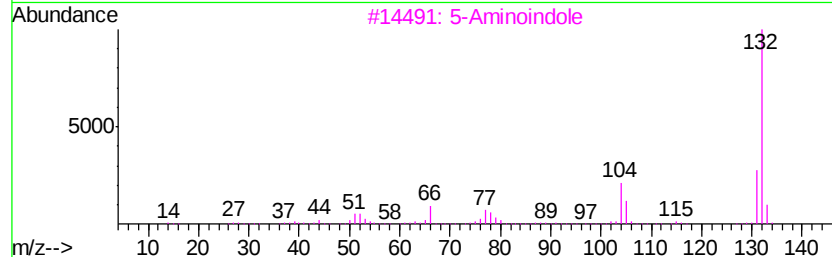
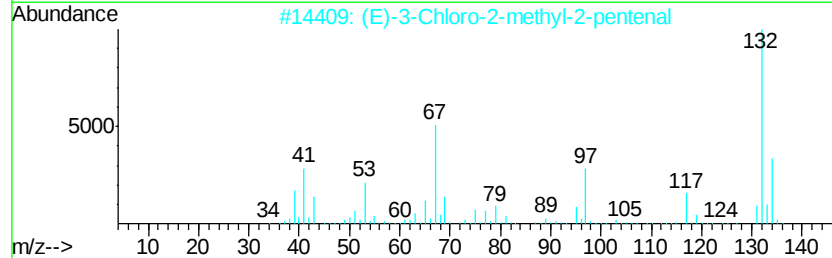
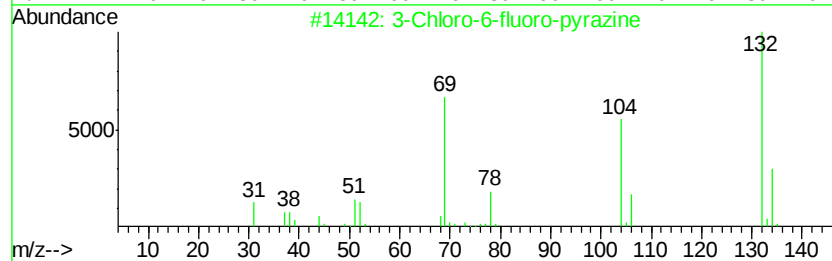
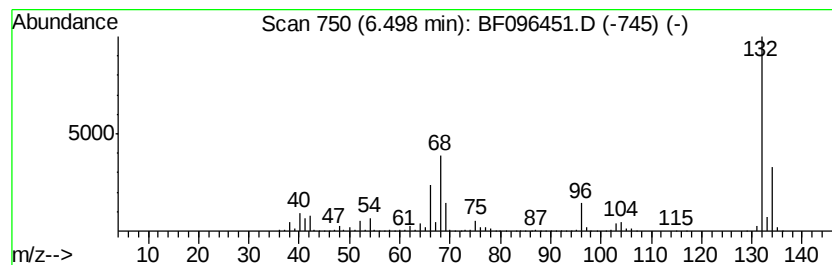
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Peak Number 3 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	82.82 ng	3096610	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070317\
Data File : BF096451.D
Acq On : 3 Jul 2017 19:53
Operator : SJ/MA
Sample : I3991-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

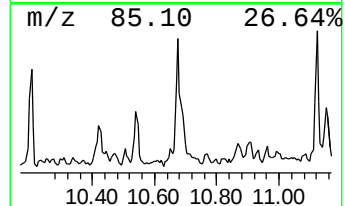
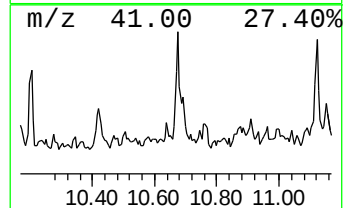
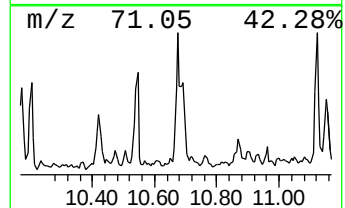
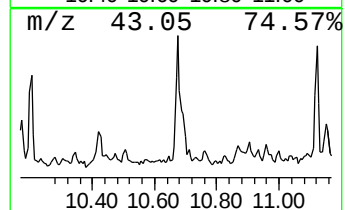
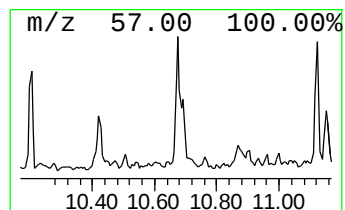
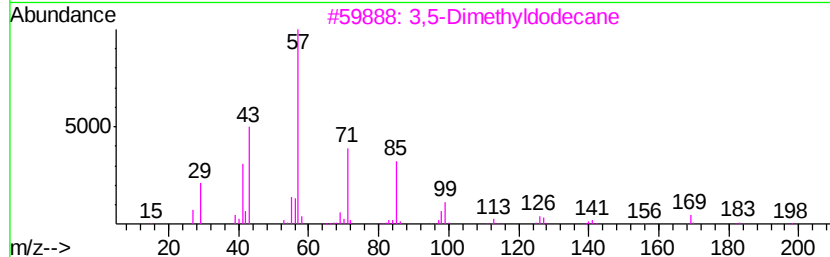
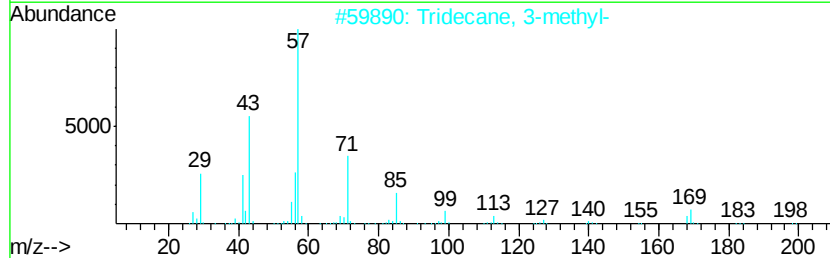
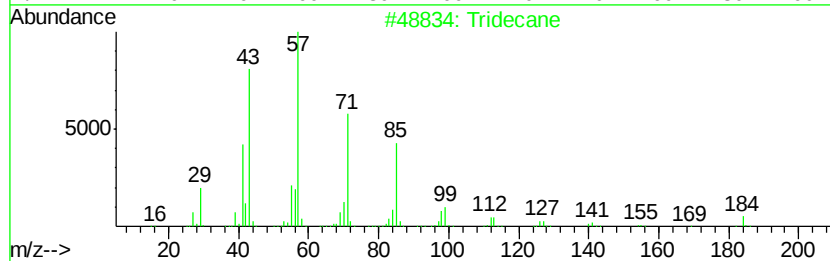
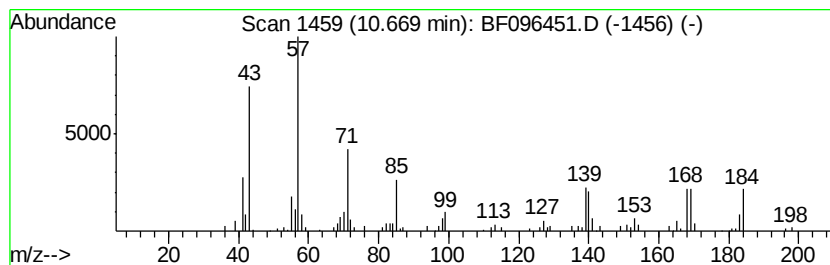
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ClientSampleId :
HR-06-062917-A

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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 Tridecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.67	5.01 ng	200604	Phenanthrene-d10	11.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	72
2	Tridecane, 3-methyl-	198	C14H30	006418-41-3	64
3	3,5-Dimethyldodecane	198	C14H30	107770-99-0	59
4	Triacontane	422	C30H62	000638-68-6	53
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070317\
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Operator : SJ/MA
Sample : I3991-01
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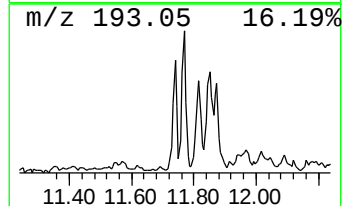
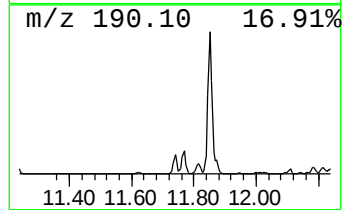
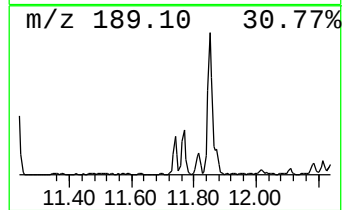
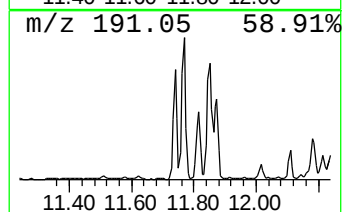
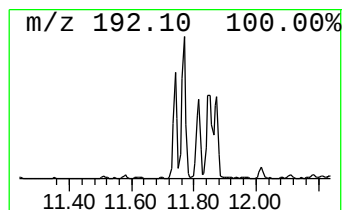
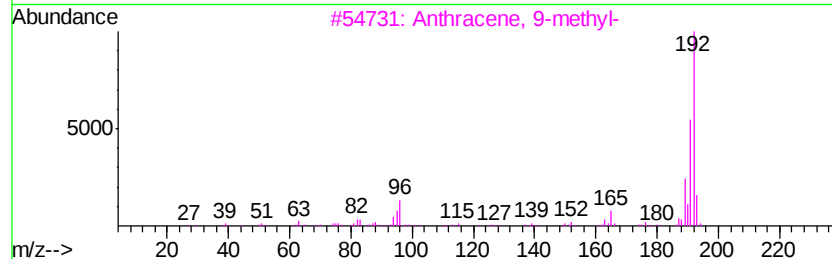
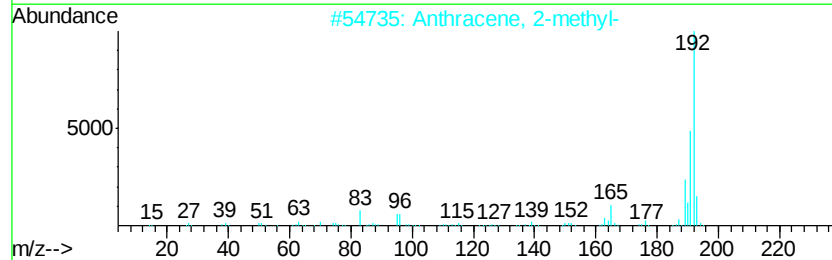
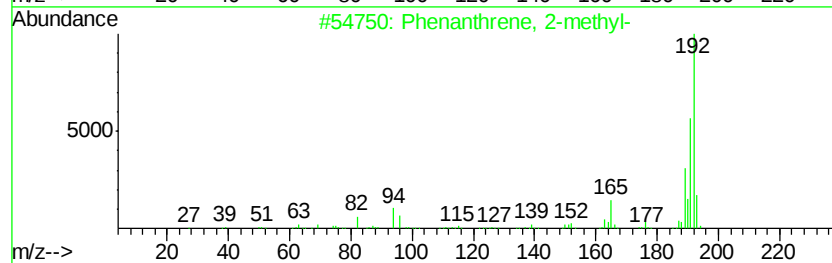
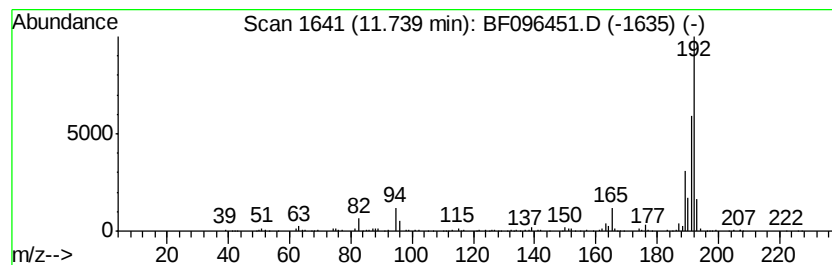
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.74	7.23 ng	289239	Phenanthrene-d10		11.24	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070317\
Data File : BF096451.D
Acq On : 3 Jul 2017 19:53
Operator : SJ/MA
Sample : I3991-01
Misc :
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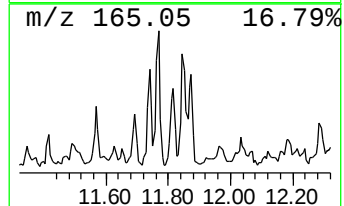
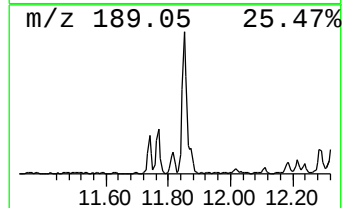
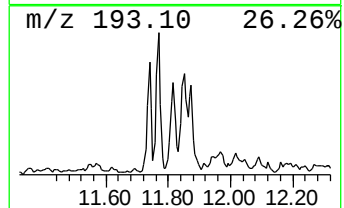
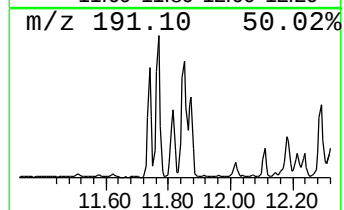
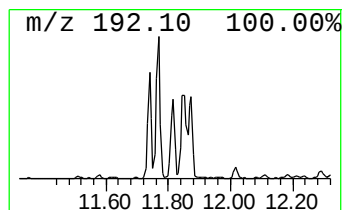
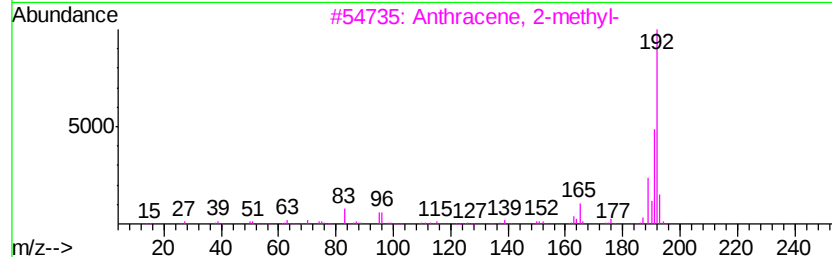
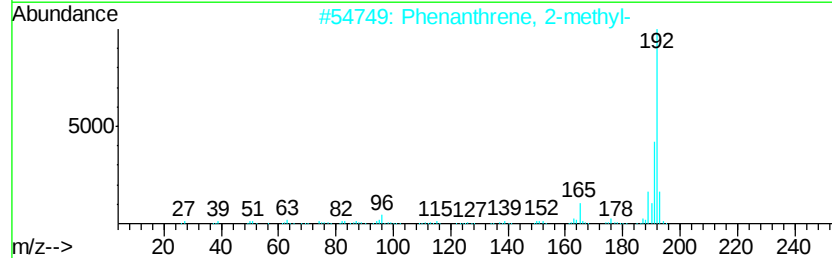
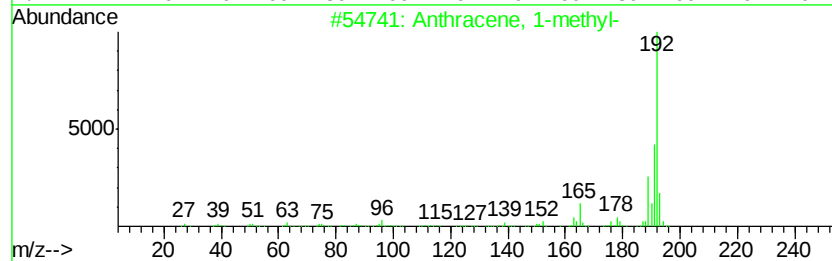
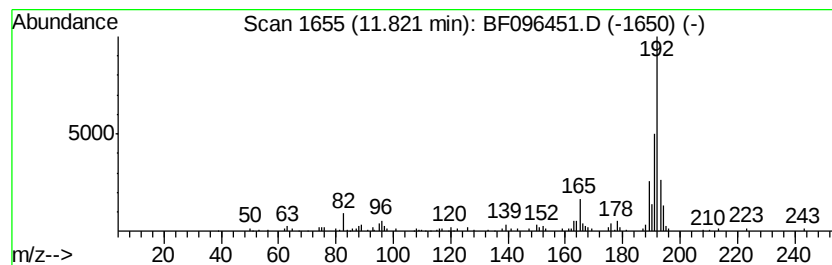
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Anthracene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.82	5.45 ng	218157	Phenanthrene-d10		11.24	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070317\
Data File : BF096451.D
Acq On : 3 Jul 2017 19:53
Operator : SJ/MA
Sample : I3991-01
Misc :
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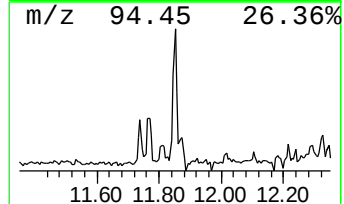
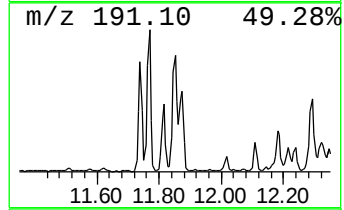
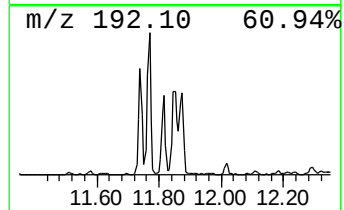
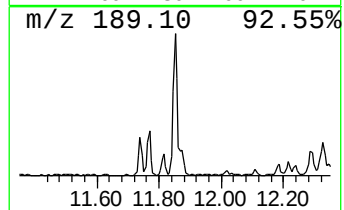
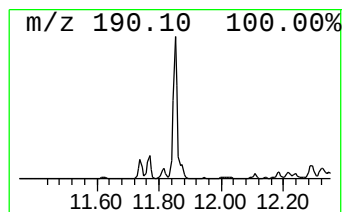
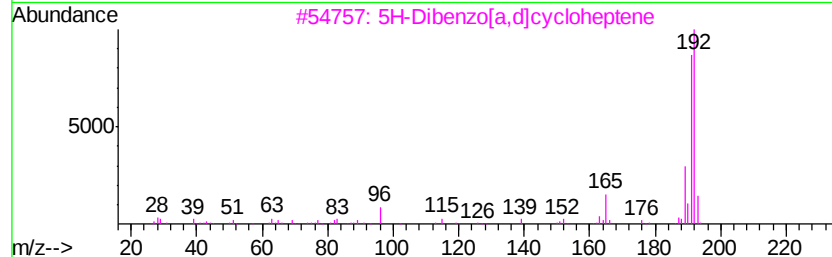
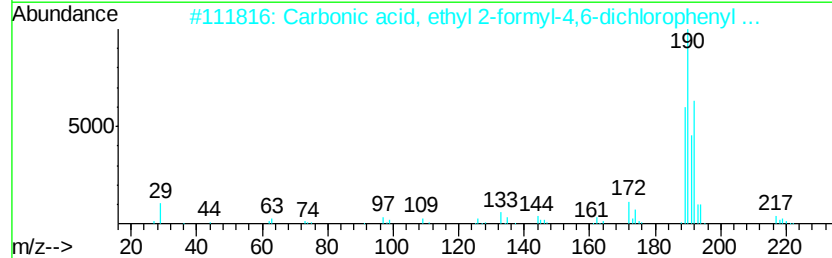
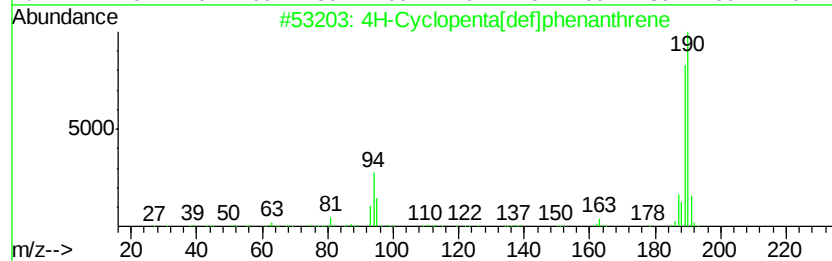
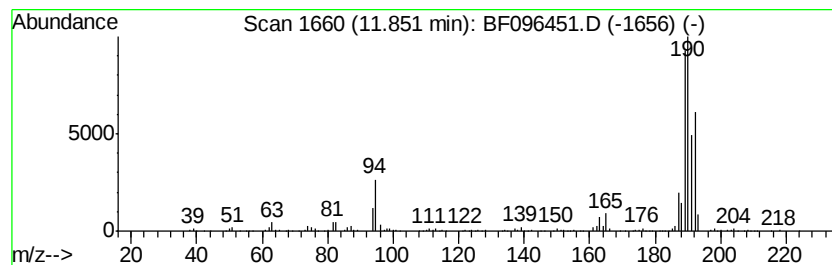
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.85	15.15 ng	606448	Phenanthrene-d10	11.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	35
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	25
5	Benzene, 1,1'-(2-cyclopropen-1-y...	192	C15H12	022825-21-4	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070317\
Data File : BF096451.D
Acq On : 3 Jul 2017 19:53
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Instrument :
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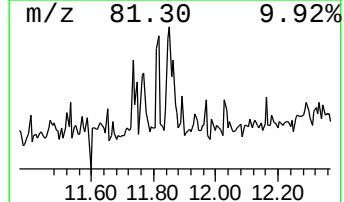
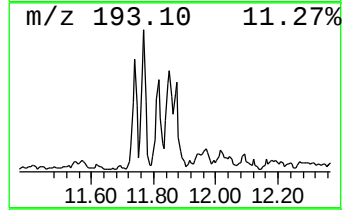
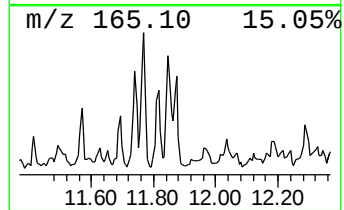
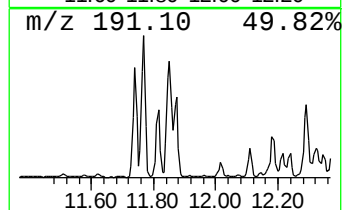
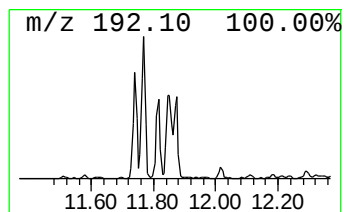
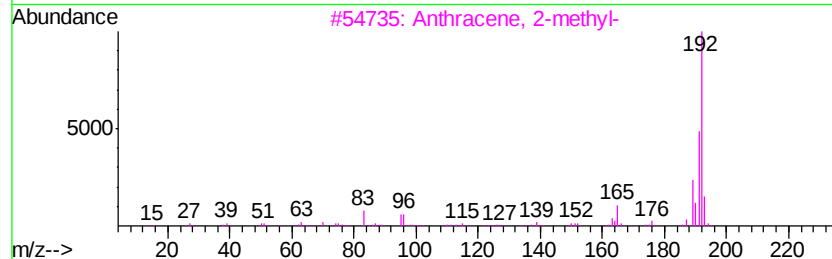
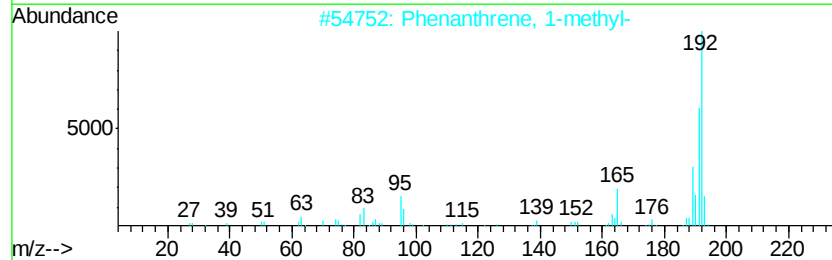
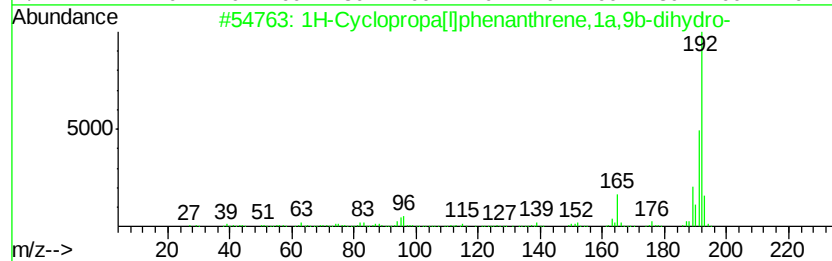
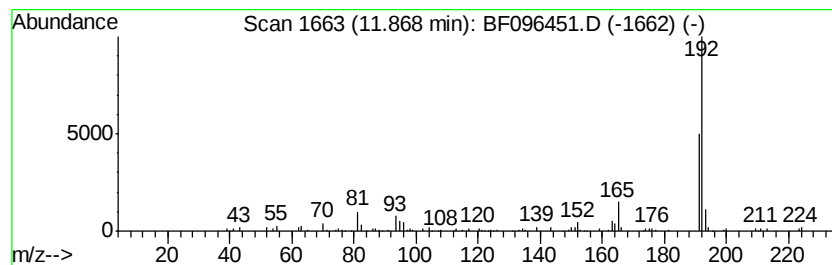
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1H-Cyclopropa[l]phenanthren... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	4.48 ng	179241	Phenanthrene-d10	11.24

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	91
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070317\
Data File : BF096451.D
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Operator : SJ/MA
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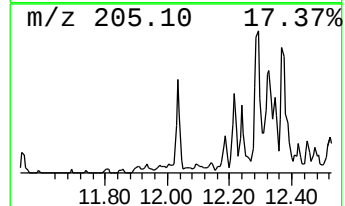
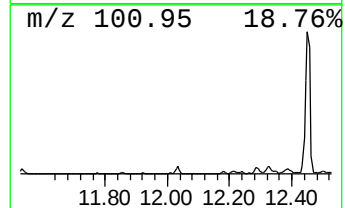
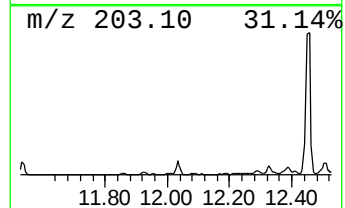
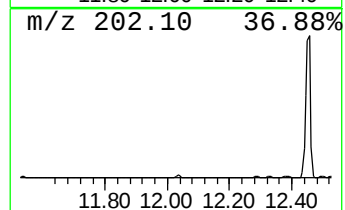
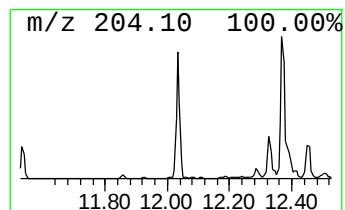
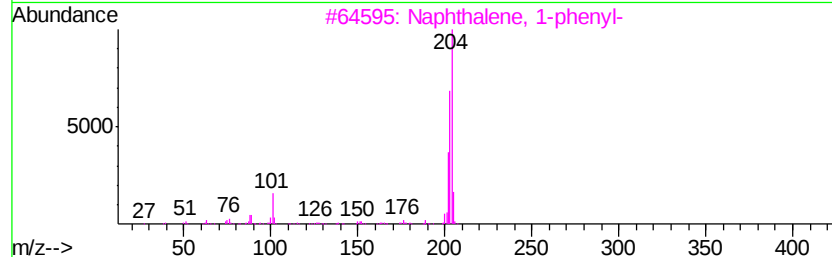
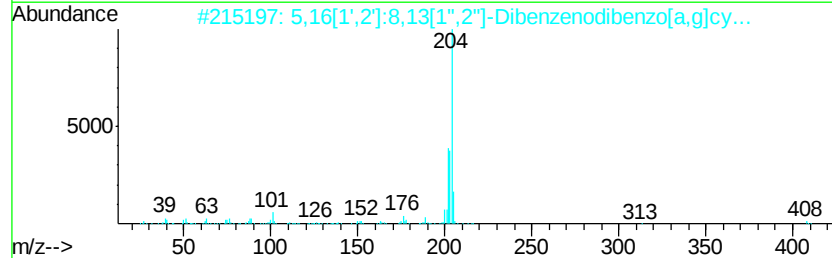
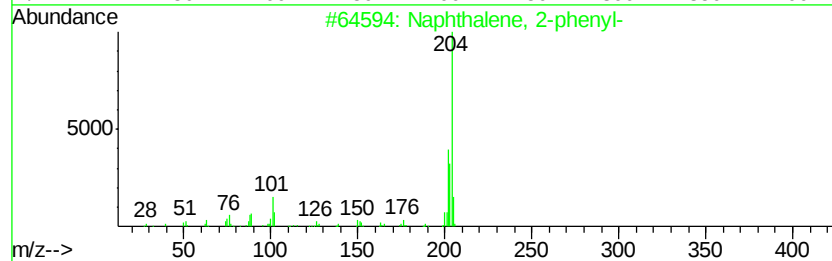
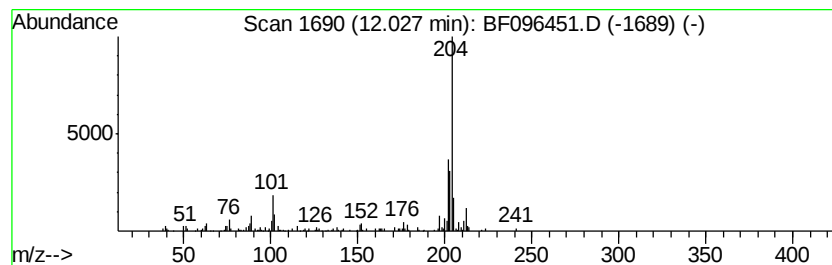
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	4.71 ng	188623	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2		5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	86
4		6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	86
5		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070317\
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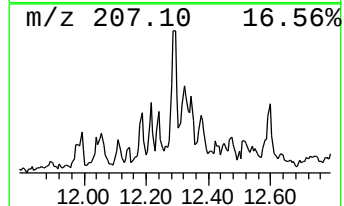
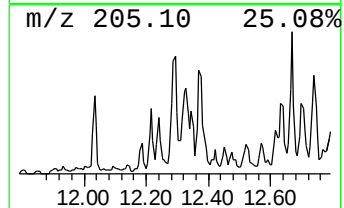
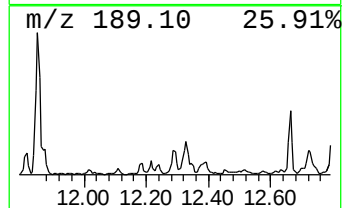
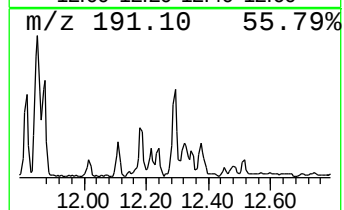
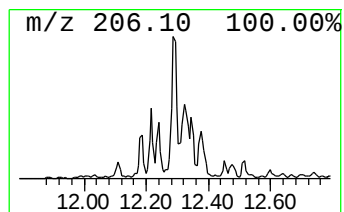
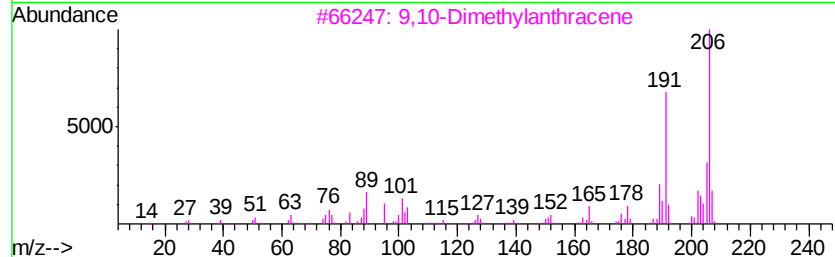
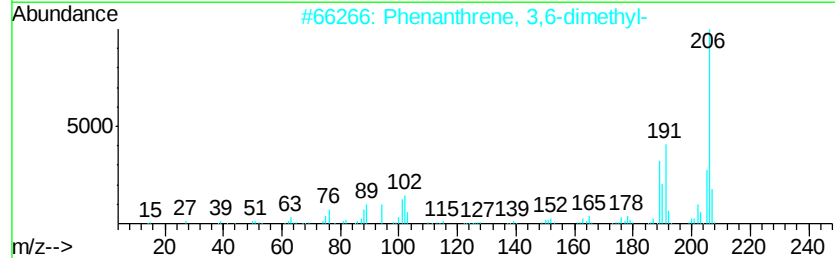
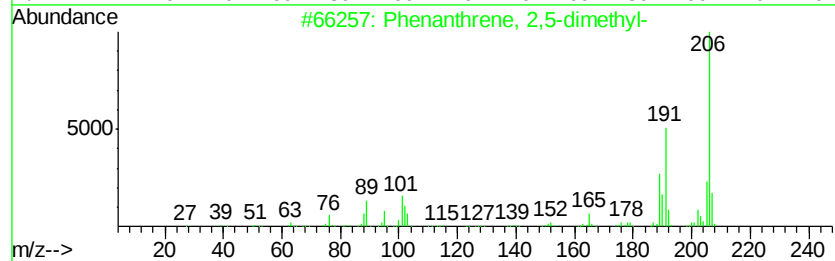
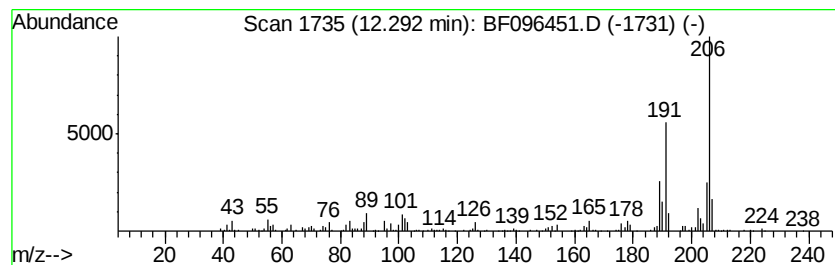
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	8.74 ng	349906	Phenanthrene-d10	11.24

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3			9,10-Dimethylantracene	206	C16H14	000781-43-1	93
4			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5			1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070317\
Data File : BF096451.D
Acq On : 3 Jul 2017 19:53
Operator : SJ/MA
Sample : I3991-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

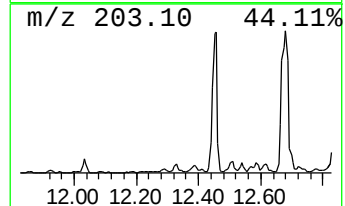
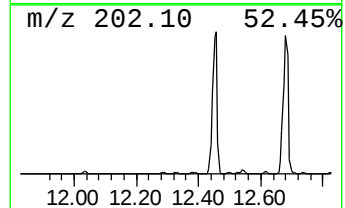
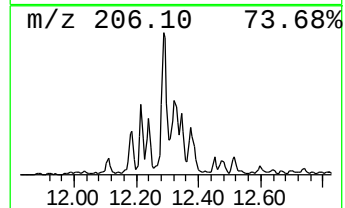
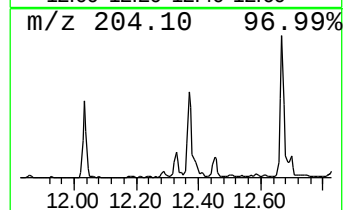
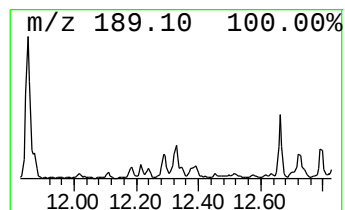
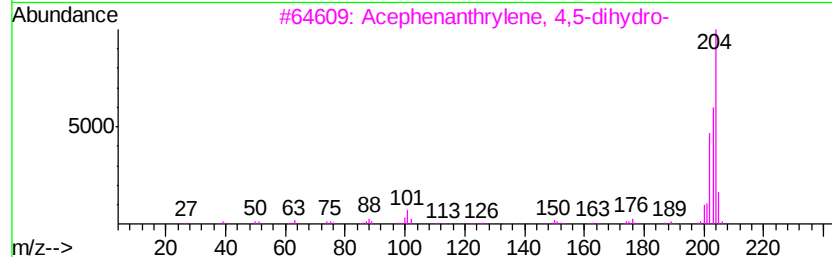
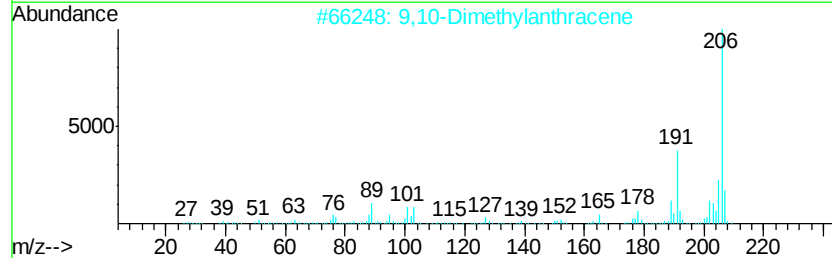
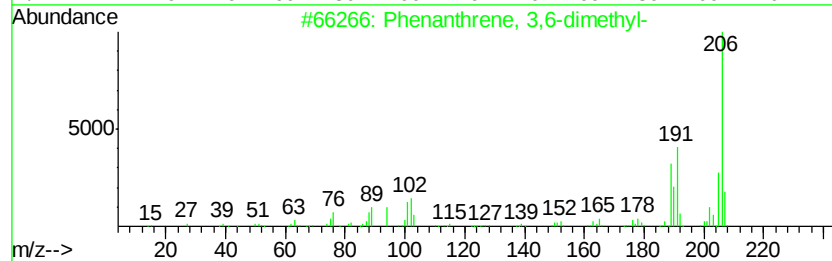
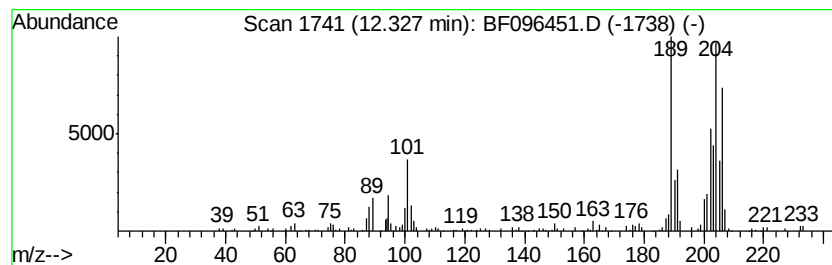
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown12.33 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.33	5.20 ng	208167	Phenanthrene-d10	11.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	38
2	9,10-Dimethylantracene	206	C16H14	000781-43-1	35
3	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	30
4	Glycine, N-(2,2,2-trichloroethox...	277	C7H10Cl3NO4	1000313-51-2	27
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	20



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070317\
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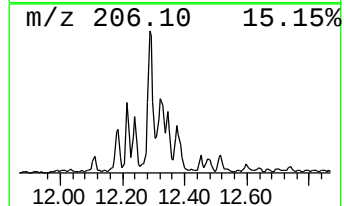
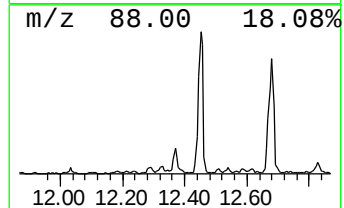
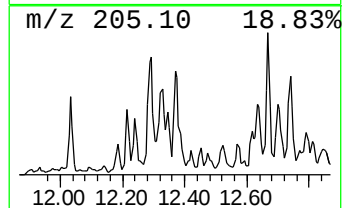
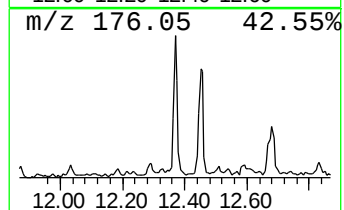
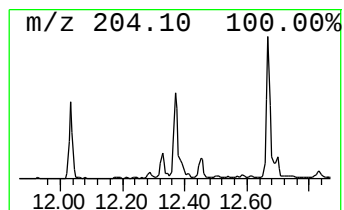
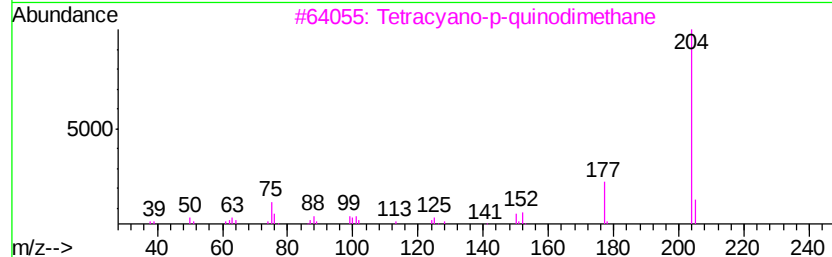
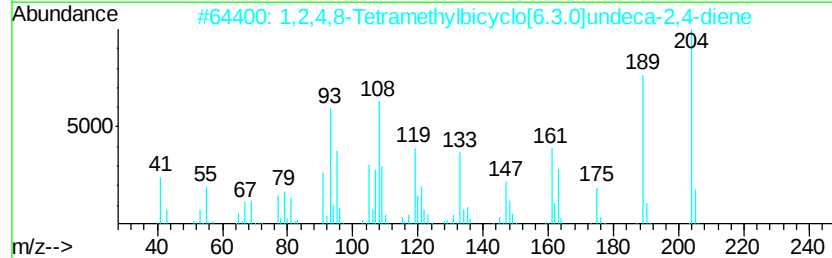
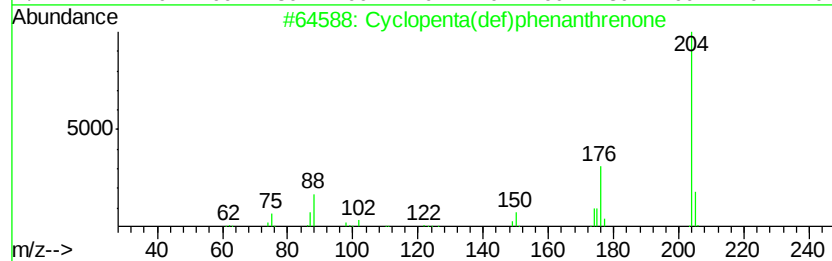
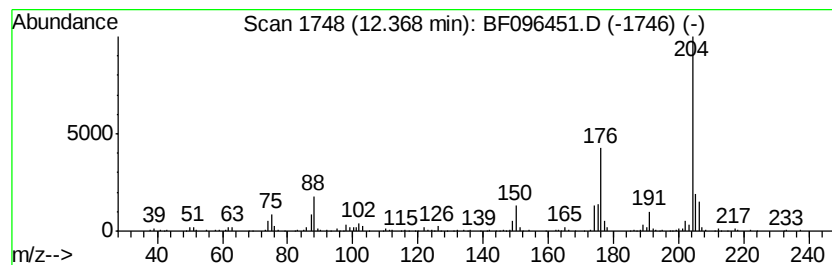
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	7.41 ng	296563	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	98
2		1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	43
3		Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	43
4		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	40
5		[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	38



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Acq On : 3 Jul 2017 19:53
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ALS Vial : 22 Sample Multiplier: 1

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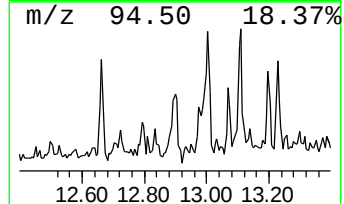
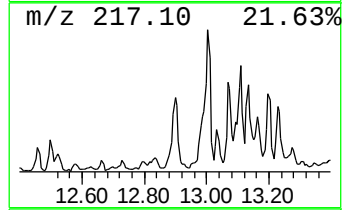
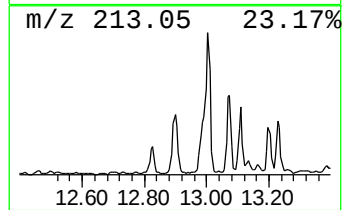
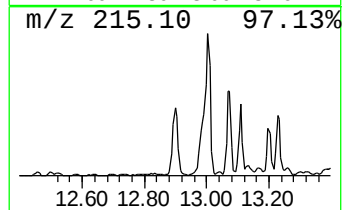
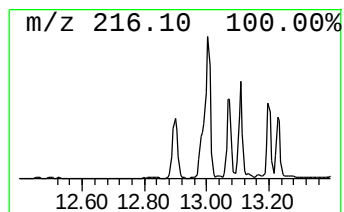
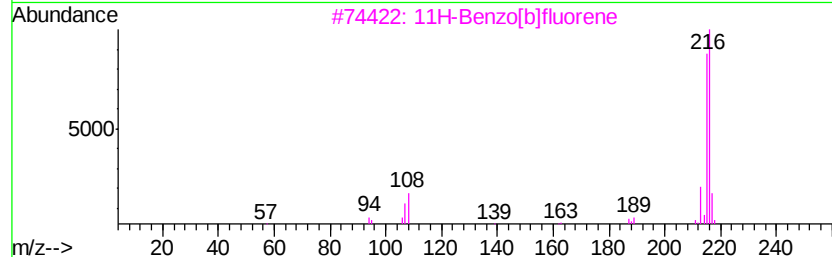
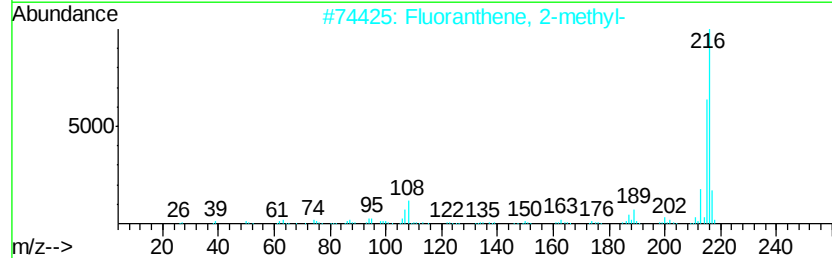
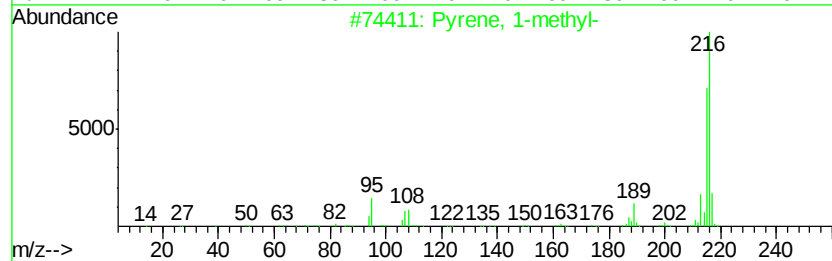
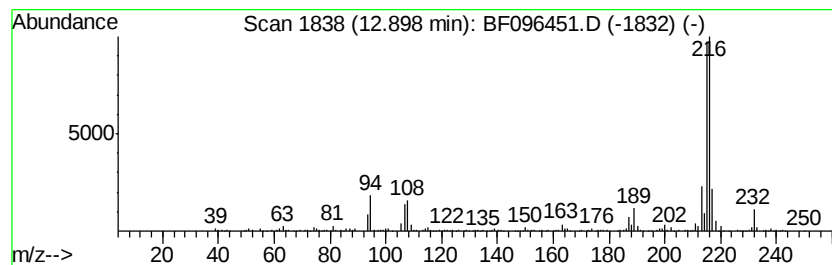
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	4.36 ng	601683	Chrysene-d12	13.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64
5			Pyrene, 4-methyl-	216	C17H12	003353-12-6	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070317\
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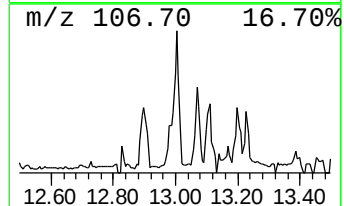
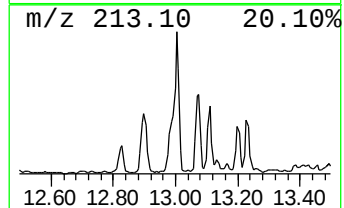
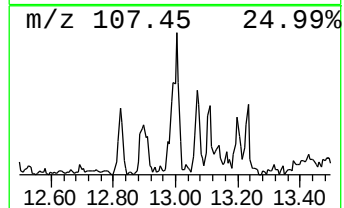
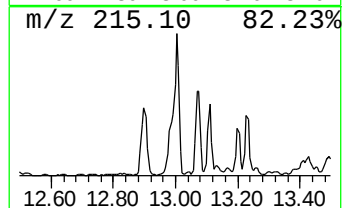
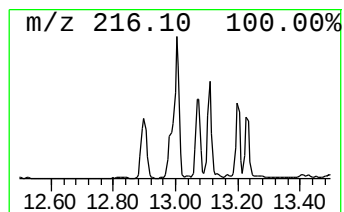
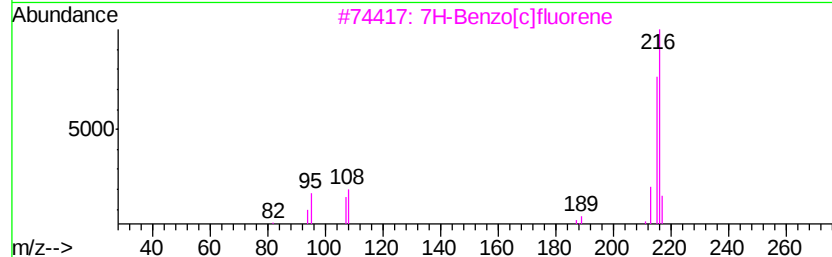
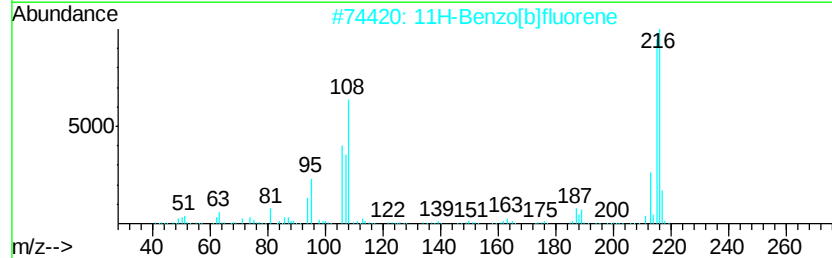
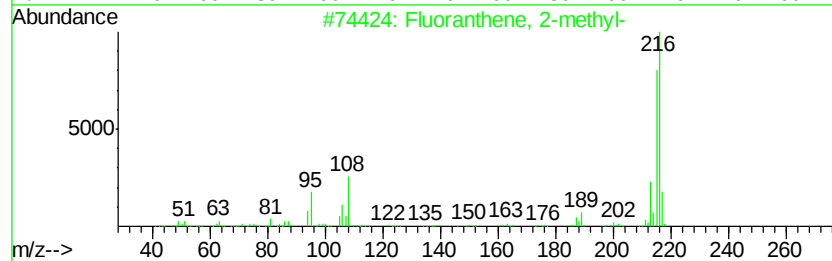
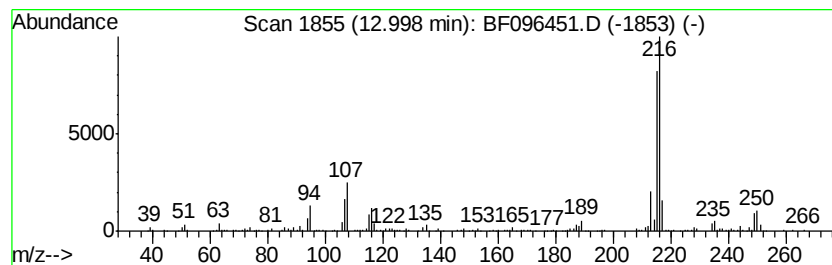
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Fluoranthene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.00	6.06 ng	836281	Chrysene-d12	13.87	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070317\
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Acq On : 3 Jul 2017 19:53
Operator : SJ/MA
Sample : I3991-01
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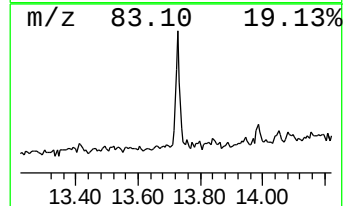
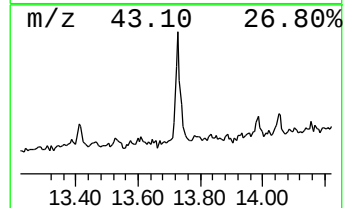
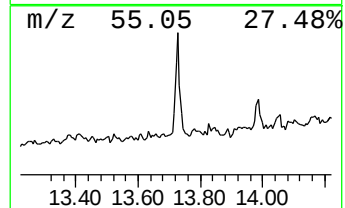
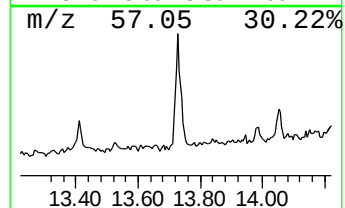
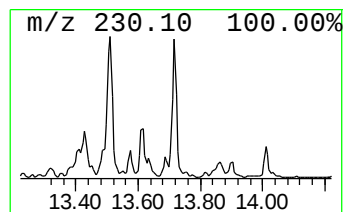
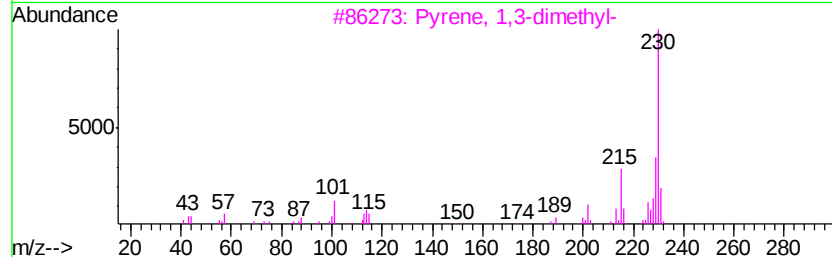
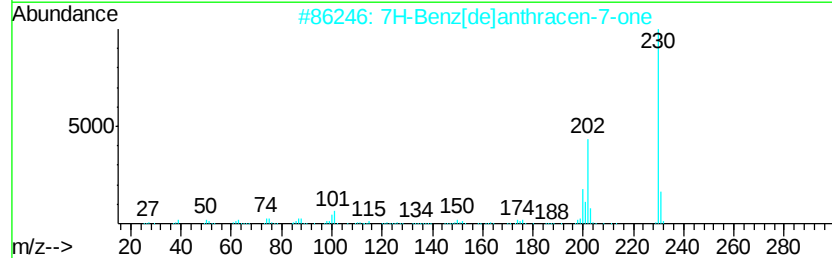
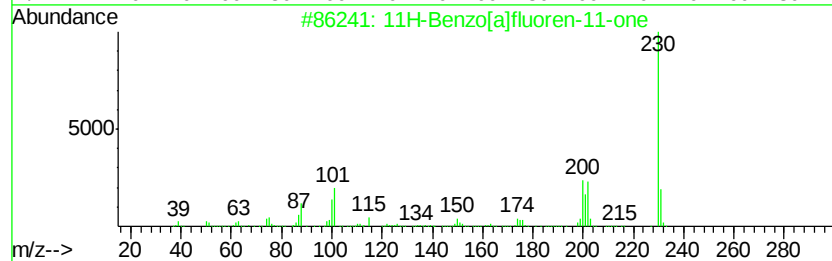
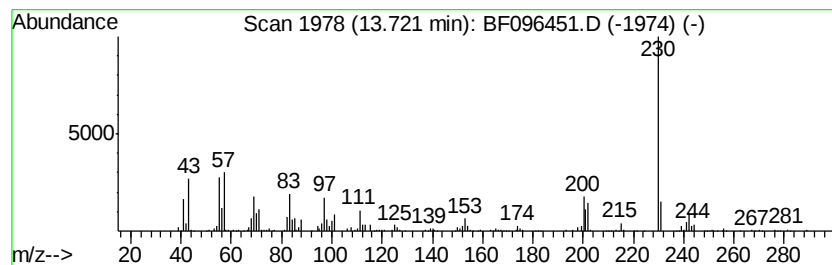
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 11H-Benzo[a]fluoren-11-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.72	4.04 ng	557872	Chrysene-d12	13.87		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	91
2		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3		Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	53
4		o-Terphenyl	230	C18H14	000084-15-1	53
5		Dibenzo[c,h][2,6]naphthyridine	230	C16H10N2	000218-30-4	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070317\
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ALS Vial : 22 Sample Multiplier: 1

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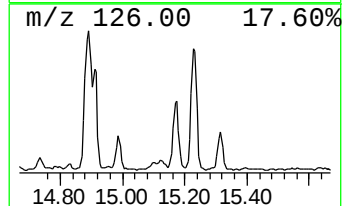
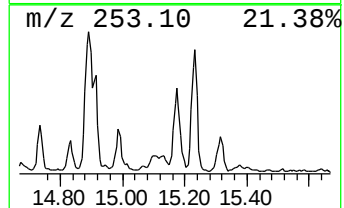
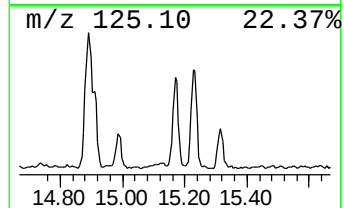
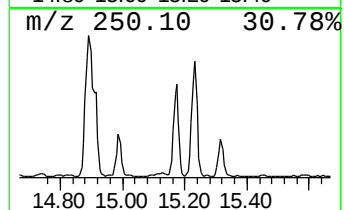
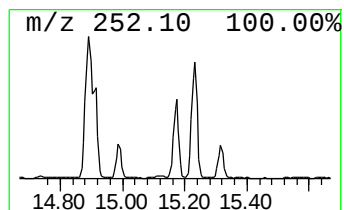
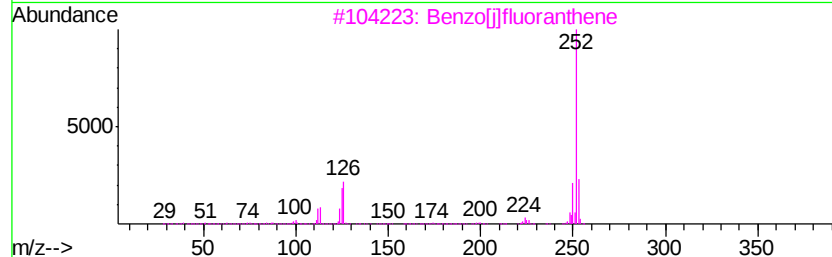
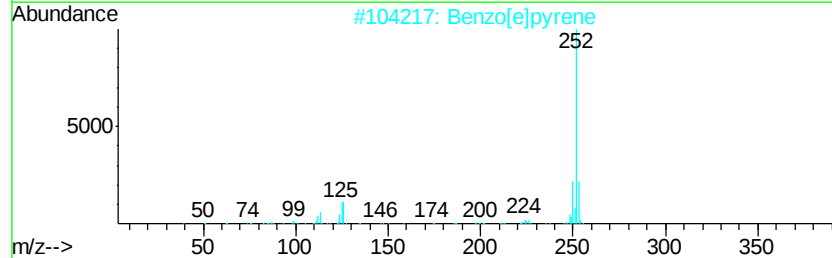
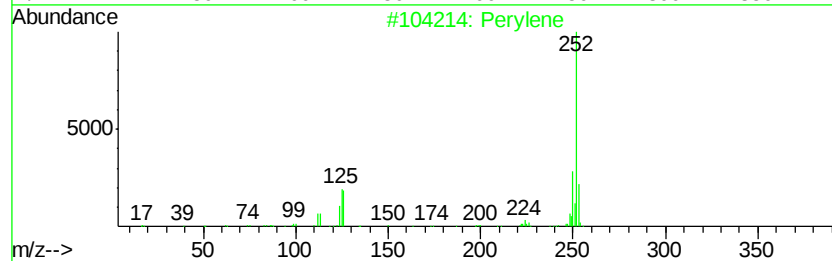
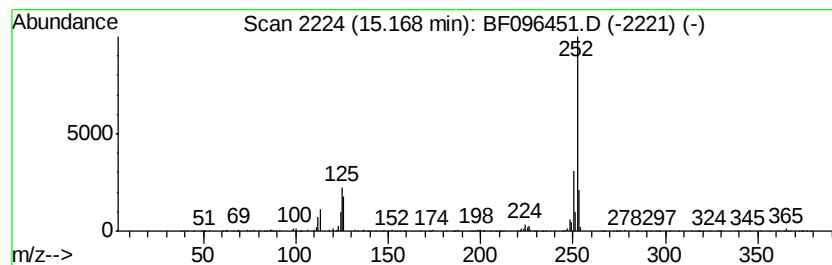
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	35.17 ng	764977	Perylene-d12	15.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Perylene	252	C20H12	000198-55-0	99
2		Benzo[e]pyrene	252	C20H12	000192-97-2	98
3		Benzo[j]fluoranthene	252	C20H12	000205-82-3	98
4		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	98
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93



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 Sample : I3991-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-062917-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.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
Propylene Glycol	3.08	8.8	ng	327386	1	6.72	747770	20.0
2-Pentanone, 4-hy...	4.92	15.8	ng	589057	1	6.72	747770	20.0
unknown6.50	6.50	82.8	ng	3096610	1	6.72	747770	20.0
Tridecane	10.67	5.0	ng	200604	4	11.24	800594	20.0
Phenanthrene, 2-m...	11.74	7.2	ng	289239	4	11.24	800594	20.0
Anthracene, 1-met...	11.82	5.5	ng	218157	4	11.24	800594	20.0
4H-Cyclopenta[def...	11.85	15.2	ng	606448	4	11.24	800594	20.0
1H-Cyclopropa[l]p...	11.87	4.5	ng	179241	4	11.24	800594	20.0
Naphthalene, 2-ph...	12.03	4.7	ng	188623	4	11.24	800594	20.0
Phenanthrene, 2,5...	12.29	8.7	ng	349906	4	11.24	800594	20.0
unknown12.33	12.33	5.2	ng	208167	4	11.24	800594	20.0
Cyclopenta(def)ph...	12.37	7.4	ng	296563	4	11.24	800594	20.0
Pyrene, 1-methyl-	12.90	4.4	ng	601683	5	13.87	2760540	20.0
Fluoranthene, 2-m...	13.00	6.1	ng	836281	5	13.87	2760540	20.0
11H-Benzo[a]fluor...	13.72	4.0	ng	557872	5	13.87	2760540	20.0
Perylene	15.17	35.2	ng	764977	6	15.29	435048	20.0