

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071117\
 Data File : BF096653.D
 Acq On : 11 Jul 2017 19:22
 Operator : SJ/JU
 Sample : I4105-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CIY-SB-020304-0-6

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-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	4.869	469	473	481	rVB	373038	473474	20.46%	1.269%
2	5.298	541	546	549	rBV	2353431	2297753	99.30%	6.159%
3	6.328	716	721	731	rBV	2259043	2291729	99.04%	6.143%
4	6.457	738	743	746	rBV	2535960	2313886	100.00%	6.202%
5	6.686	778	782	785	rBV	772568	678375	29.32%	1.818%
6	6.839	804	808	812	rBV	1862974	1730040	74.77%	4.637%
7	7.245	872	877	880	rBV	1569535	1509516	65.24%	4.046%
8	7.969	995	1000	1002	rBV	1019130	954845	41.27%	2.559%
9	7.986	1002	1003	1006	rVB	95175	53790	2.32%	0.144%
10	8.675	1115	1120	1124	rBV	36570	35876	1.55%	0.096%
11	9.045	1178	1183	1186	rBV	2401194	2213039	95.64%	5.932%
12	9.139	1193	1199	1202	rBV4	28532	34343	1.48%	0.092%
13	9.380	1236	1240	1242	rVV	54730	55156	2.38%	0.148%
14	9.433	1246	1249	1255	rVV	236705	210684	9.11%	0.565%
15	9.492	1255	1259	1265	rVB2	32946	41914	1.81%	0.112%
16	9.574	1270	1273	1278	rVB	67493	55773	2.41%	0.149%
17	9.716	1292	1297	1300	rBV	904563	810753	35.04%	2.173%
18	9.745	1300	1302	1307	rVB	89886	77661	3.36%	0.208%
19	9.922	1328	1332	1336	rBV	77972	81721	3.53%	0.219%
20	9.957	1336	1338	1341	rVB	45568	41936	1.81%	0.112%
21	10.033	1347	1351	1354	rBV3	39758	46214	2.00%	0.124%
22	10.121	1362	1366	1371	rBV4	31901	58870	2.54%	0.158%
23	10.163	1371	1373	1376	rVB2	50375	36306	1.57%	0.097%
24	10.257	1386	1389	1396	rVB	135804	133621	5.77%	0.358%
25	10.327	1396	1401	1403	rBV	48377	58111	2.51%	0.156%
26	10.380	1406	1410	1413	rVV4	40132	65001	2.81%	0.174%
27	10.416	1413	1416	1422	rVB4	45595	61259	2.65%	0.164%
28	10.498	1426	1430	1435	rVV	1097816	1077646	46.57%	2.888%
29	10.633	1450	1453	1459	rVB3	83745	96410	4.17%	0.258%
30	10.810	1477	1483	1485	rBV4	68511	96427	4.17%	0.258%
31	10.833	1485	1487	1490	rVV2	77049	70881	3.06%	0.190%
32	10.892	1494	1497	1499	rVB3	44666	45319	1.96%	0.121%
33	10.957	1506	1508	1513	rVB4	37678	34803	1.50%	0.093%
34	10.998	1513	1515	1520	rVB4	36815	44850	1.94%	0.120%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.051	1520	1524	1527	rBV2	37240	50133	2.17%	0.134%
36	11.086	1527	1530	1533	rBV2	77964	85640	3.70%	0.230%
37	11.192	1544	1548	1550	rBV	677139	618990	26.75%	1.659%
38	11.221	1550	1553	1556	rVV	984161	917005	39.63%	2.458%
39	11.268	1556	1561	1564	rVB	321957	269776	11.66%	0.723%
40	11.310	1564	1568	1571	rBV2	55202	71038	3.07%	0.190%
41	11.421	1582	1587	1590	rBV2	51035	63597	2.75%	0.170%
42	11.527	1602	1605	1608	rVB2	73594	73960	3.20%	0.198%
43	11.610	1616	1619	1623	rVB	53060	54933	2.37%	0.147%
44	11.698	1630	1634	1636	rBV	306202	283513	12.25%	0.760%
45	11.721	1636	1638	1643	rVV	384651	362570	15.67%	0.972%
46	11.768	1643	1646	1649	rVV	152958	122331	5.29%	0.328%
47	11.804	1649	1652	1655	rVV	459845	504768	21.81%	1.353%
48	11.827	1655	1656	1662	rVB	264085	181262	7.83%	0.486%
49	11.886	1662	1666	1669	rBV5	25152	34179	1.48%	0.092%
50	11.992	1681	1684	1686	rBV	174490	154238	6.67%	0.413%
51	12.010	1686	1687	1693	rVB2	89557	84348	3.65%	0.226%
52	12.139	1704	1709	1712	rBV2	107836	133813	5.78%	0.359%
53	12.174	1712	1715	1716	rBV	61530	52266	2.26%	0.140%
54	12.192	1716	1718	1721	rVB2	68782	65008	2.81%	0.174%
55	12.245	1721	1727	1730	rBV	247239	292329	12.63%	0.784%
56	12.280	1730	1733	1735	rVV	112017	115544	4.99%	0.310%
57	12.304	1735	1737	1739	rVB	79546	59975	2.59%	0.161%
58	12.327	1739	1741	1746	rVB2	110743	142808	6.17%	0.383%
59	12.404	1750	1754	1758	rBV	1453748	1298072	56.10%	3.479%
60	12.451	1758	1762	1764	rBV	80375	92073	3.98%	0.247%
61	12.551	1777	1779	1783	rVB2	41914	45108	1.95%	0.121%
62	12.633	1787	1793	1796	rBV	1394879	1507785	65.16%	4.041%
63	12.751	1810	1813	1814	rVV	107620	91344	3.95%	0.245%
64	12.780	1814	1818	1825	rVB	1511462	1428268	61.73%	3.828%
65	12.851	1826	1830	1833	rVV3	161129	199027	8.60%	0.533%
66	12.910	1837	1840	1842	rBV4	45925	57650	2.49%	0.155%
67	12.957	1842	1848	1852	rVB	294750	421179	18.20%	1.129%
68	13.027	1857	1860	1862	rVB	240409	204637	8.84%	0.548%
69	13.062	1862	1866	1868	rBV	270012	252902	10.93%	0.678%
70	13.151	1878	1881	1884	rBV	179173	177073	7.65%	0.475%
71	13.186	1884	1887	1891	rVV	196242	186707	8.07%	0.500%

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72	13.257	1897	1899	1906	rVB3	100501	109512	4.73%	0.294%
73	13.339	1910	1913	1914	rBV3	45507	47790	2.07%	0.128%
74	13.368	1915	1918	1923	rVB2	75760	135689	5.86%	0.364%
75	13.462	1928	1934	1940	rBV2	128047	253448	10.95%	0.679%
76	13.527	1943	1945	1949	rVB	39964	35759	1.55%	0.096%
77	13.574	1949	1953	1956	rBV2	175817	243713	10.53%	0.653%
78	13.604	1956	1958	1960	rVV	132330	106913	4.62%	0.287%
79	13.627	1960	1962	1966	rVV2	101524	131764	5.69%	0.353%
80	13.674	1967	1970	1977	rVB3	96846	193164	8.35%	0.518%
81	13.821	1990	1995	1998	rBV2	995633	1439928	62.23%	3.860%
82	13.851	1998	2000	2006	rVB	853195	814025	35.18%	2.182%
83	13.933	2008	2014	2016	rBV2	149852	209678	9.06%	0.562%
84	14.009	2025	2027	2030	rVB2	54535	40930	1.77%	0.110%
85	14.080	2037	2039	2042	rVB3	62781	51757	2.24%	0.139%
86	14.174	2053	2055	2057	rBV	63130	65174	2.82%	0.175%
87	14.209	2059	2061	2064	rVV	207857	215396	9.31%	0.577%
88	14.245	2064	2067	2070	rVB	137136	121951	5.27%	0.327%
89	14.304	2075	2077	2080	rVV3	108226	127294	5.50%	0.341%
90	14.333	2080	2082	2084	rVV	128213	123640	5.34%	0.331%
91	14.357	2084	2086	2089	rVB2	118950	99072	4.28%	0.266%
92	14.580	2122	2124	2128	rBV2	187425	211808	9.15%	0.568%
93	14.833	2163	2167	2176	rBV	568516	1081053	46.72%	2.898%
94	14.933	2181	2184	2187	rVB	138525	153446	6.63%	0.411%
95	15.109	2210	2214	2220	rVV	396731	462922	20.01%	1.241%
96	15.168	2220	2224	2229	rVB	503467	598975	25.89%	1.605%
97	15.227	2229	2234	2237	rBV	486741	575292	24.86%	1.542%
98	15.251	2237	2238	2246	rVB3	161953	230128	9.95%	0.617%
99	16.568	2457	2462	2469	rVB2	231734	408995	17.68%	1.096%
100	16.968	2524	2530	2539	rVB	186298	375509	16.23%	1.006%

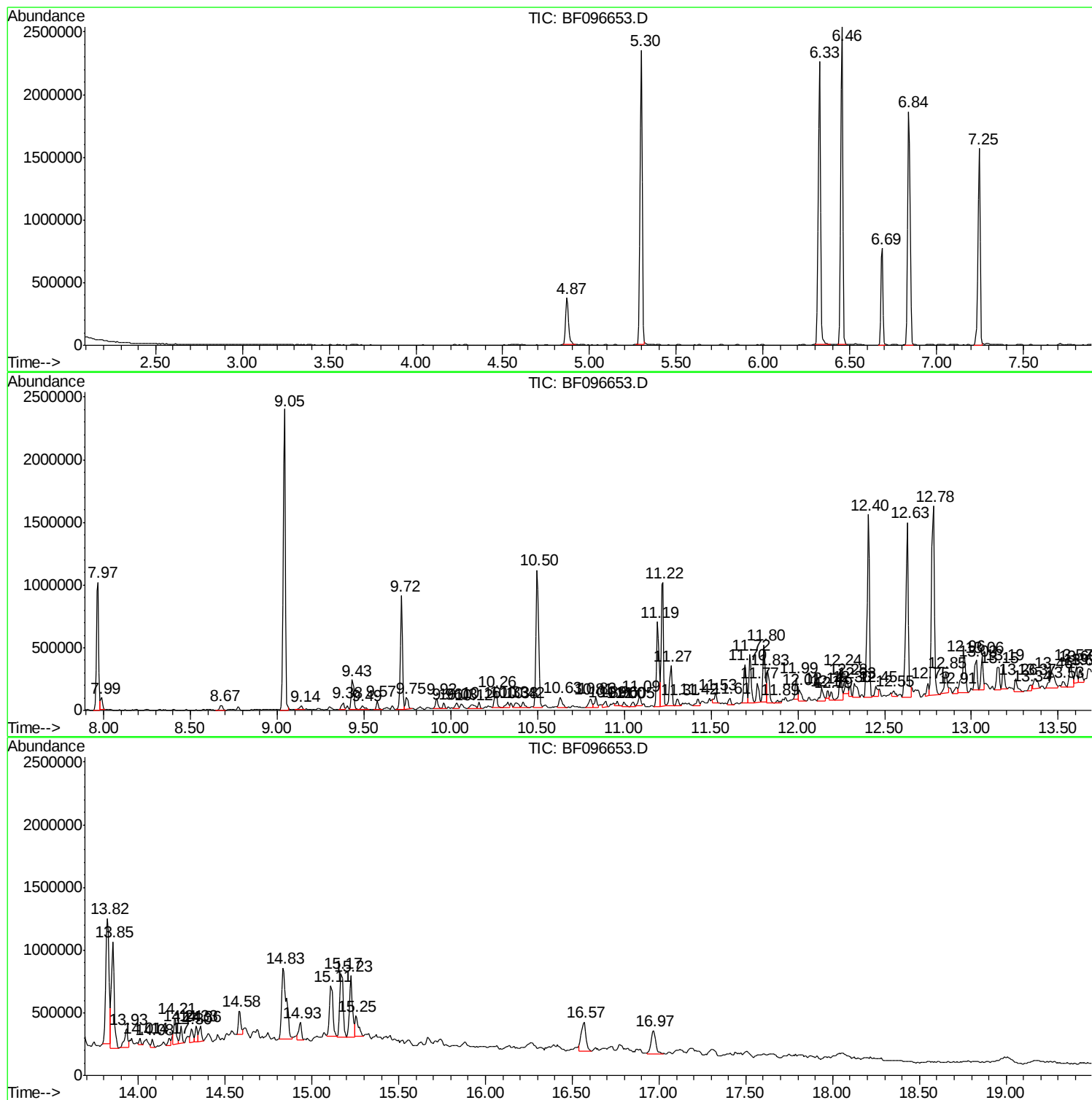
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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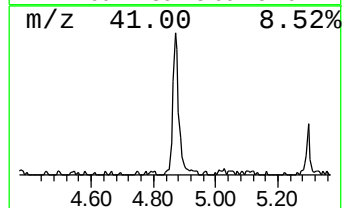
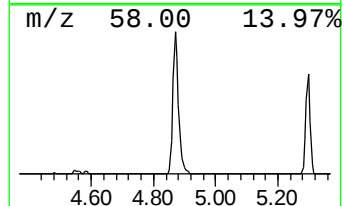
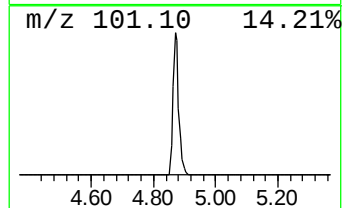
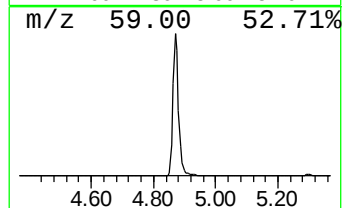
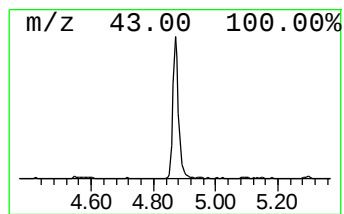
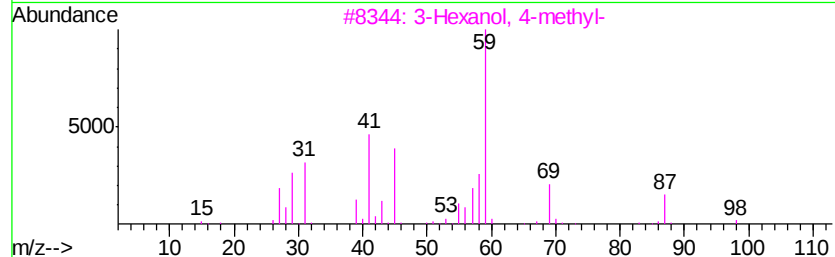
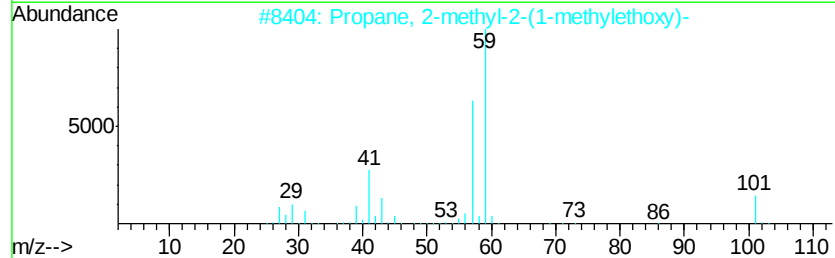
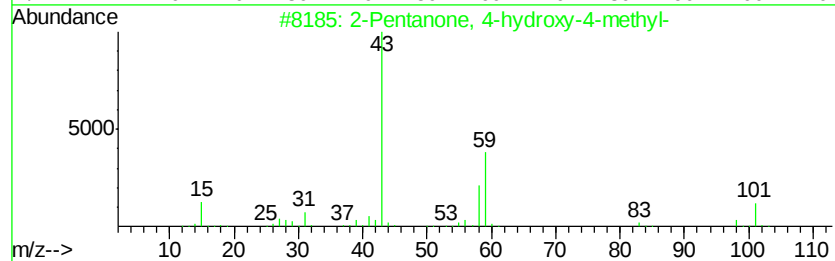
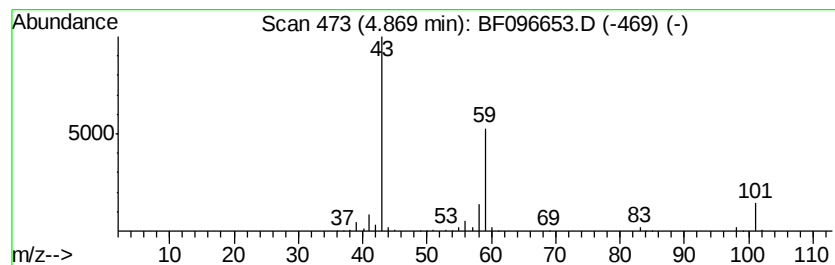
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.87	13.96 ng	473474	1,4-Dichlorobenzene-d4	6.69

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	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, 4-methyl-	116	C7H16O	000615-29-2	33	
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25	
5	Ethanol, pentamethyl-	116	C7H16O	000594-83-2	9	



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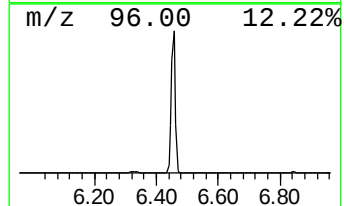
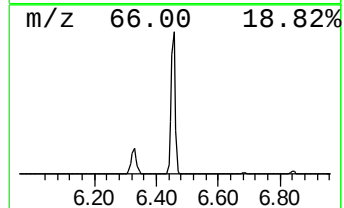
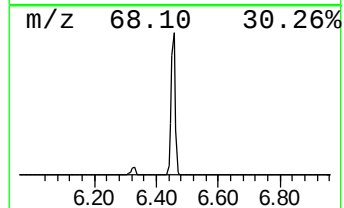
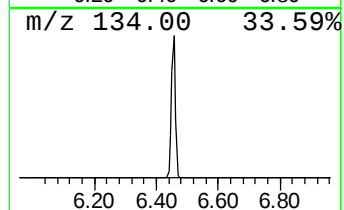
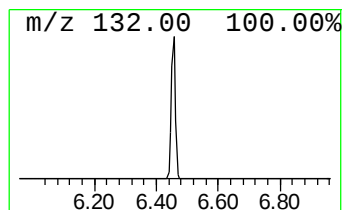
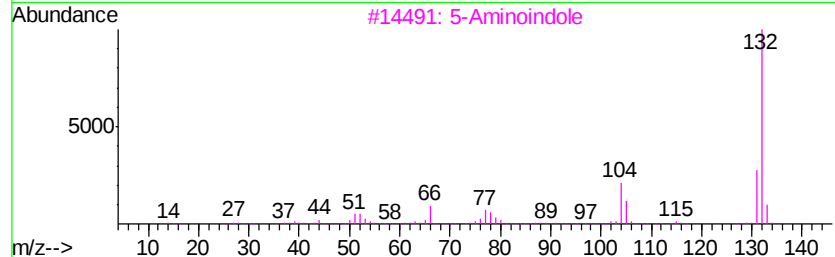
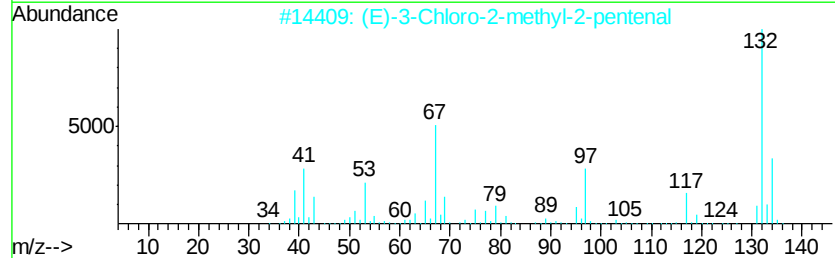
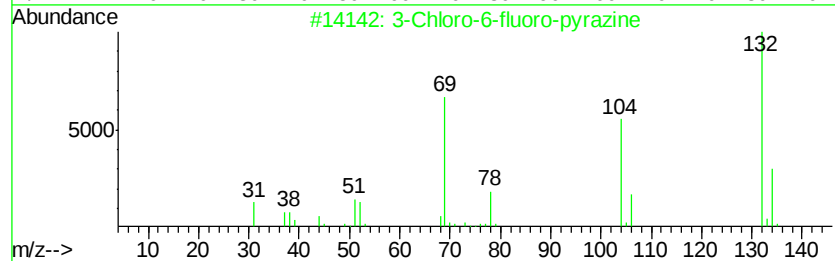
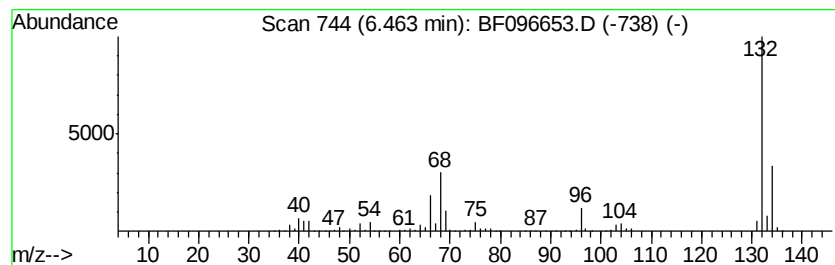
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.46 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	68.22 ng	2313890	1,4-Dichlorobenzene-d4	6.69

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



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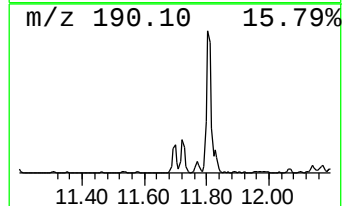
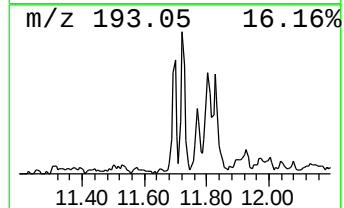
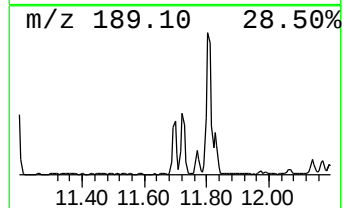
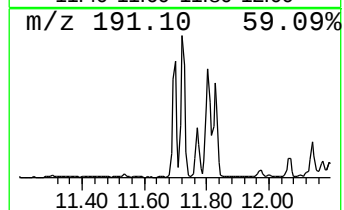
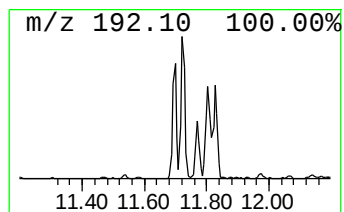
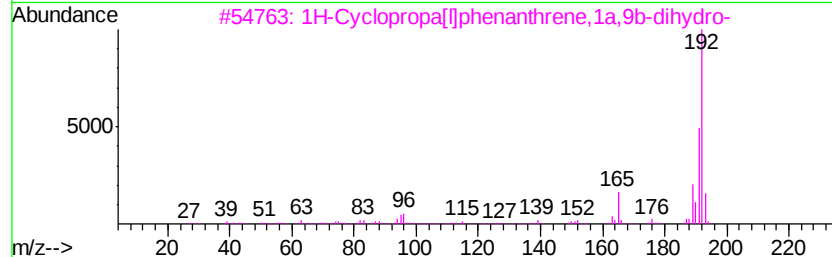
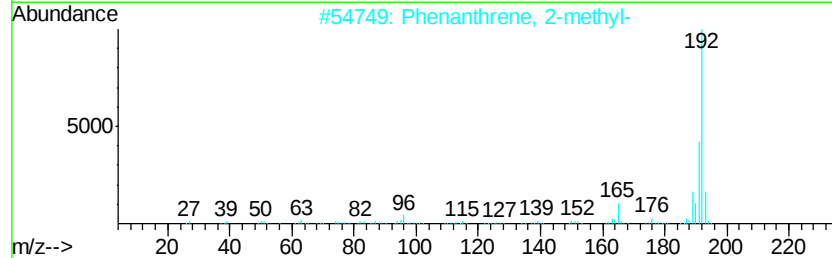
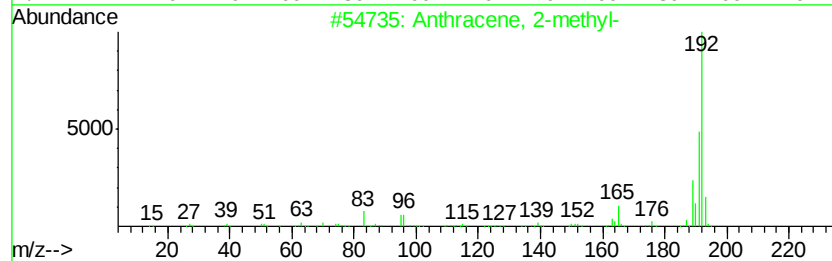
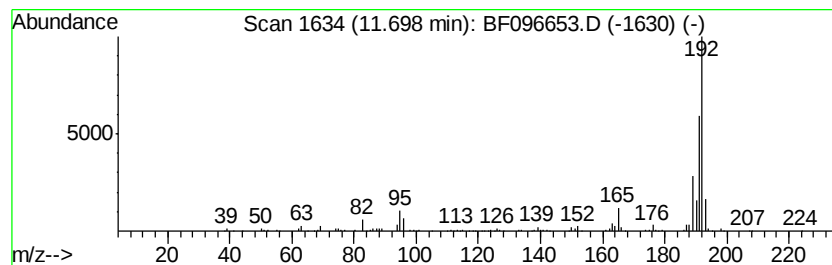
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	9.16 ng	283513	Phenanthrene-d10	11.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3		1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	94
4		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	94
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071117\
Data File : BF096653.D
Acq On : 11 Jul 2017 19:22
Operator : SJ/JU
Sample : I4105-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CIY-SB-020304-0-6

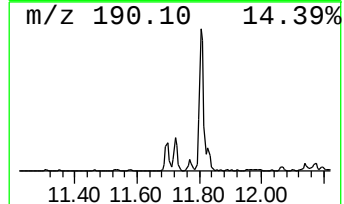
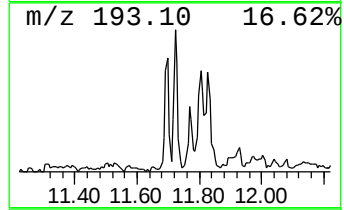
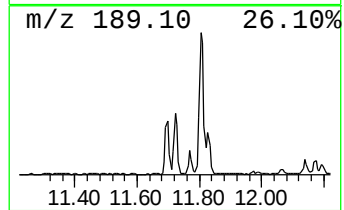
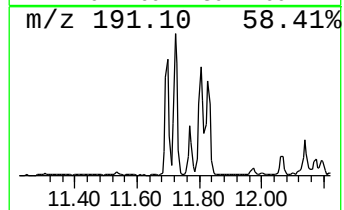
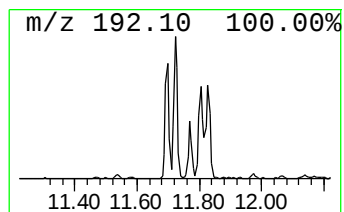
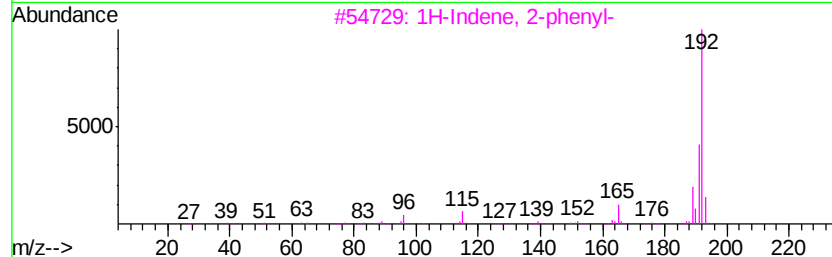
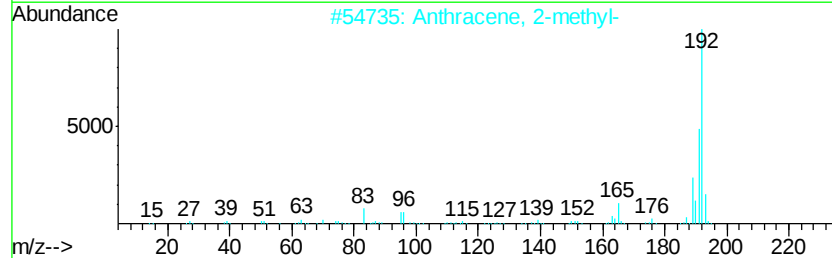
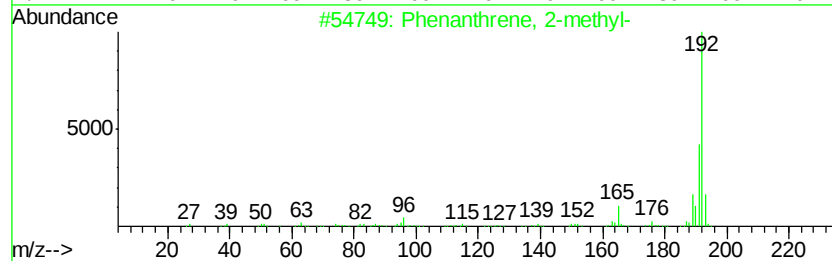
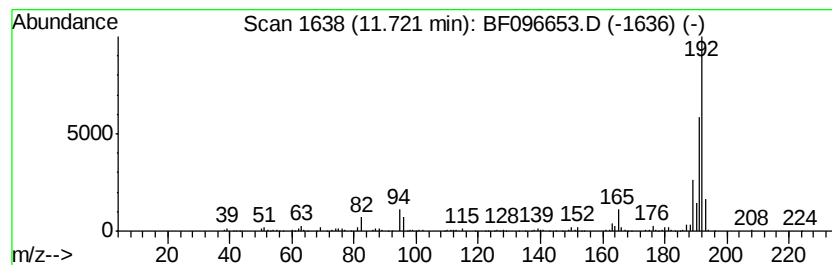
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	11.71 ng	362570	Phenanthrene-d10	11.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071117\
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Operator : SJ/JU
Sample : I4105-06
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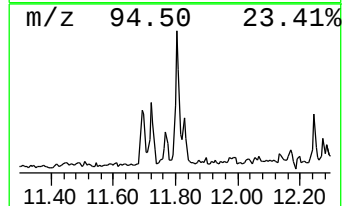
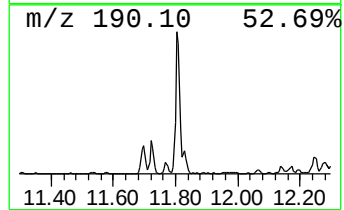
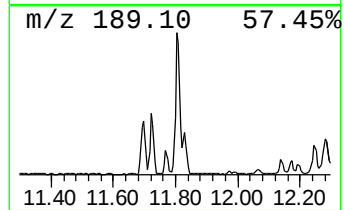
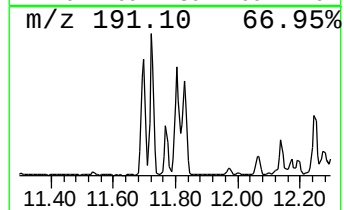
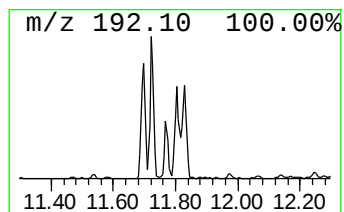
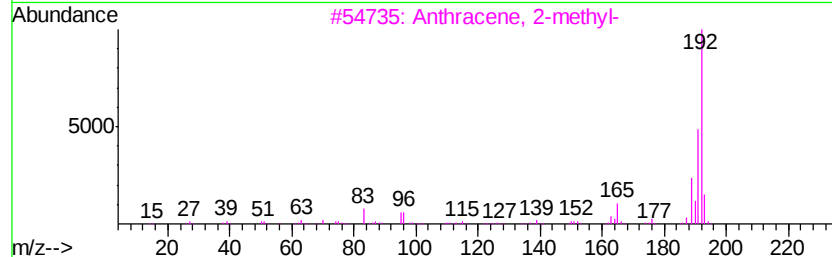
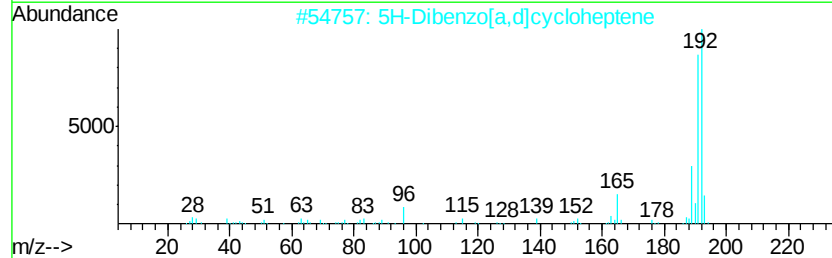
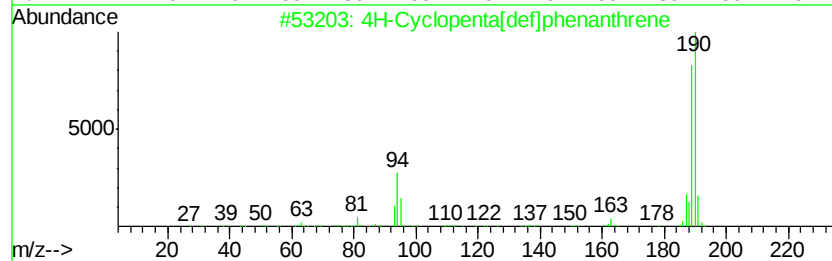
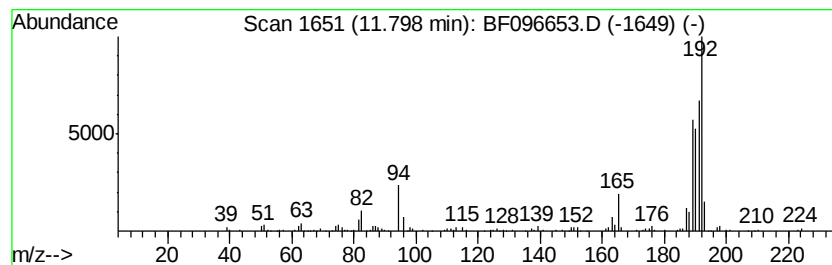
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.80	16.31 ng	504768	Phenanthrene-d10	11.19	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	42
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	38
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071117\
Data File : BF096653.D
Acq On : 11 Jul 2017 19:22
Operator : SJ/JU
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ALS Vial : 20 Sample Multiplier: 1

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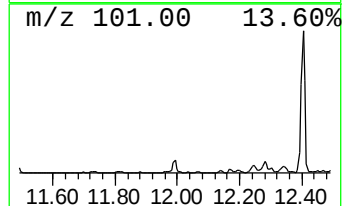
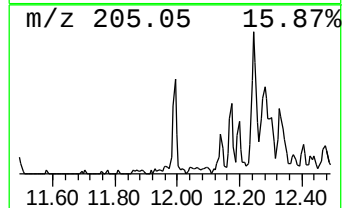
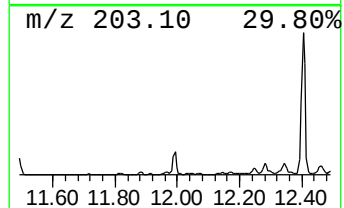
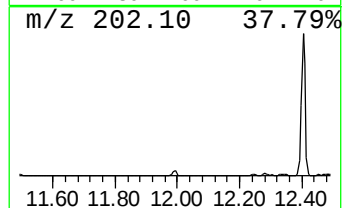
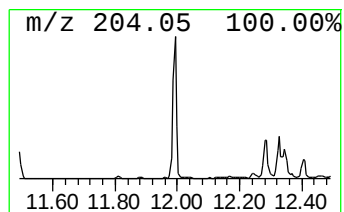
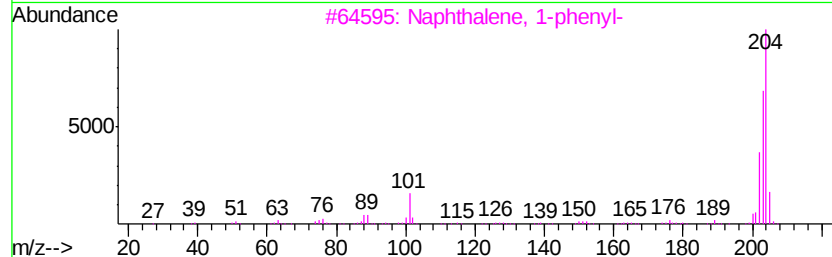
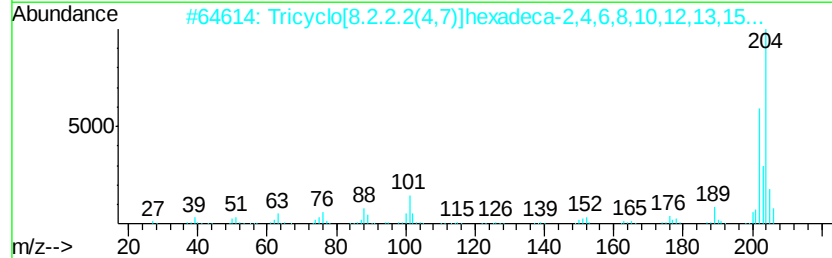
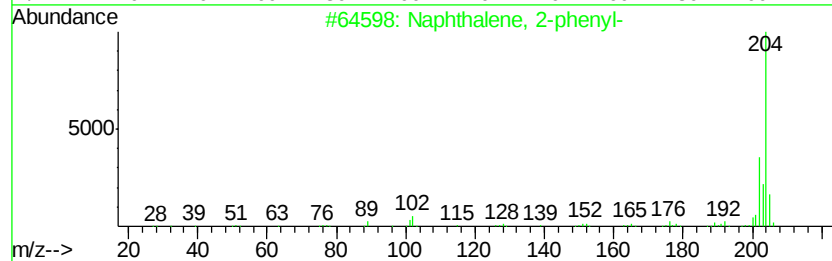
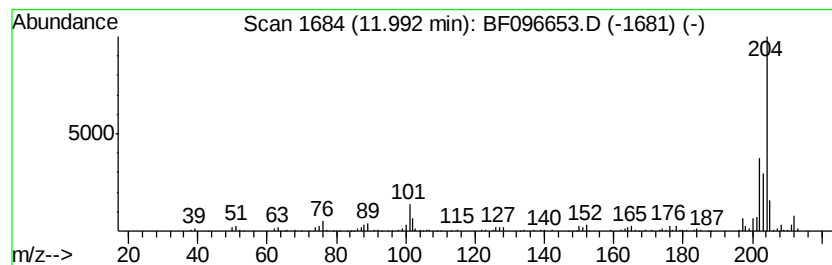
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	4.98 ng	154238	Phenanthrene-d10	11.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
3		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	58
4		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	50
5		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071117\
Data File : BF096653.D
Acq On : 11 Jul 2017 19:22
Operator : SJ/JU
Sample : I4105-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

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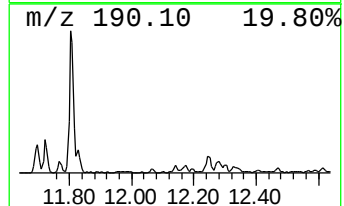
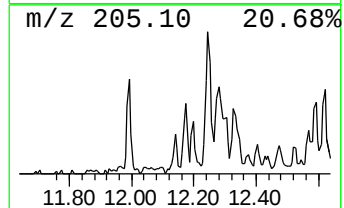
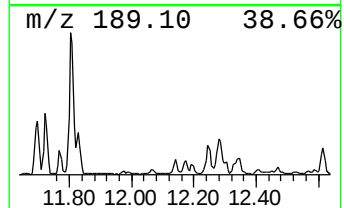
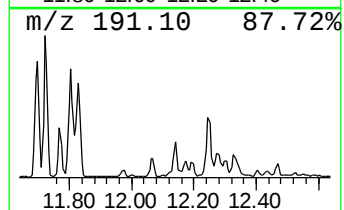
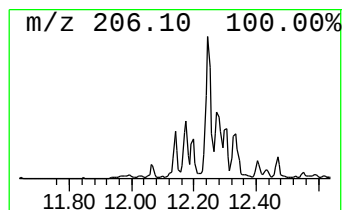
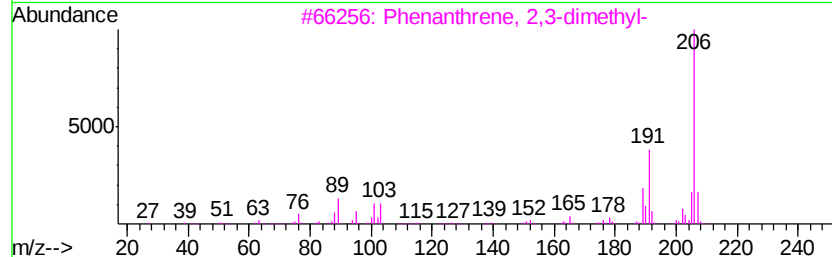
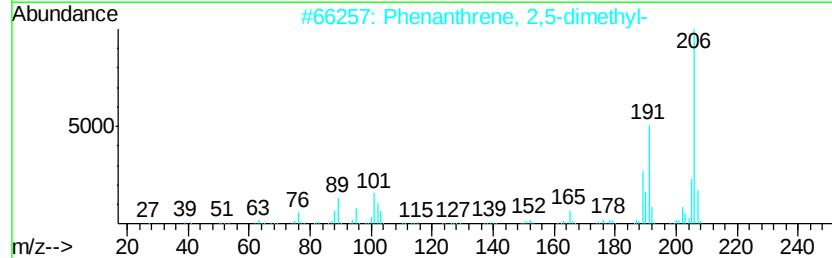
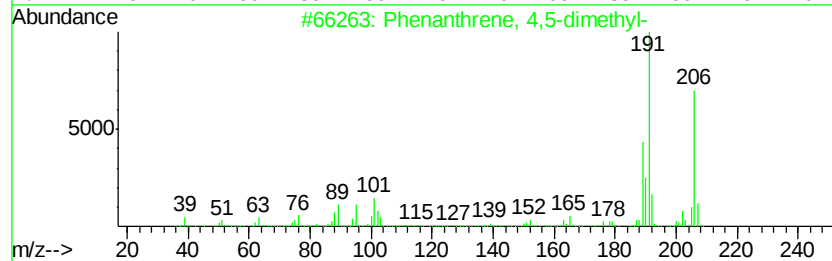
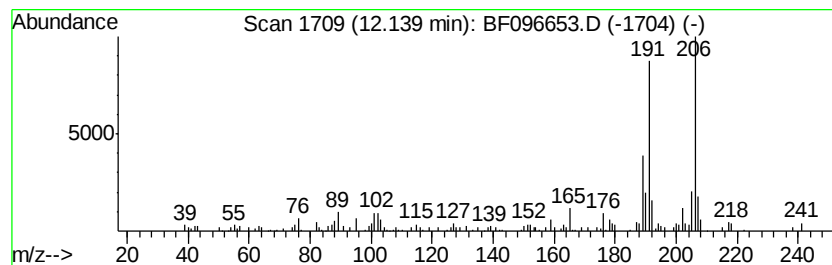
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenanthrene, 4,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	4.32 ng	133813	Phenanthrene-d10	11.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
2		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
4		Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	86
5		Anthracene, 2-ethyl-	206	C16H14	052251-71-5	76



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071117\
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Sample : I4105-06
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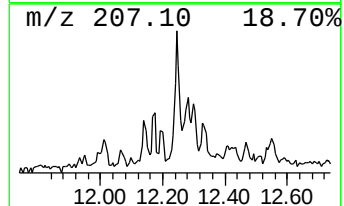
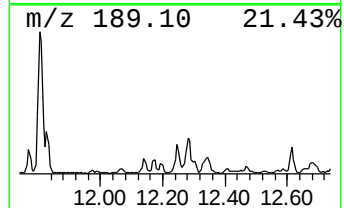
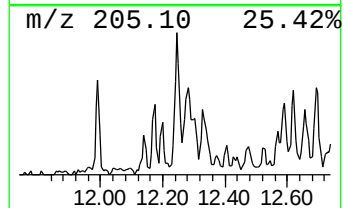
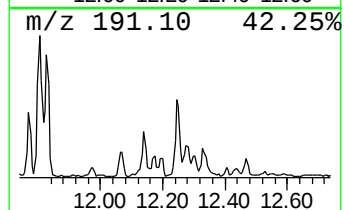
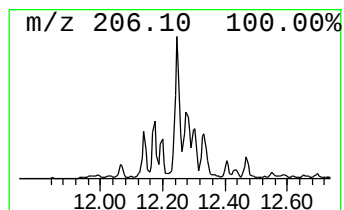
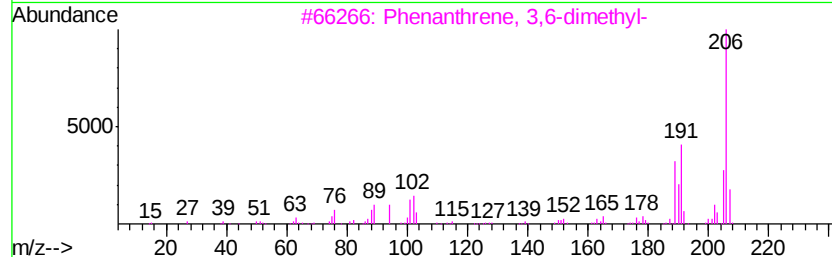
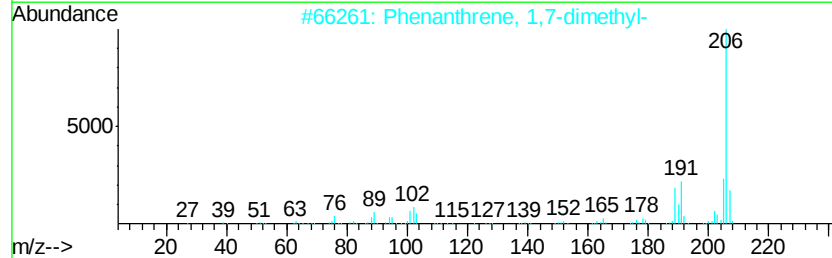
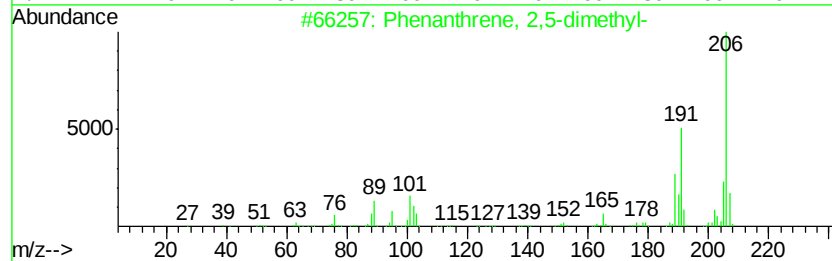
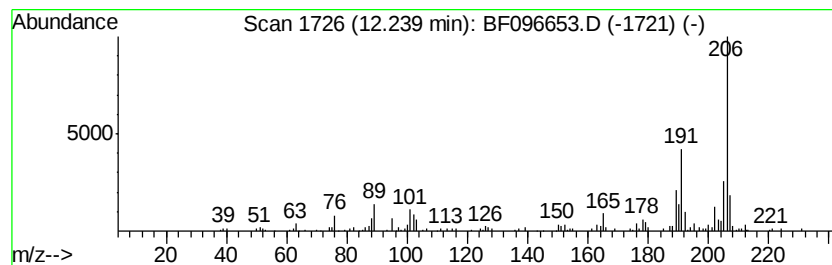
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.24	9.45 ng	292329	Phenanthrene-d10		11.19
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	96
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	95
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	95
5	9,10-Dimethylantracene	206	C16H14	000781-43-1	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071117\
Data File : BF096653.D
Acq On : 11 Jul 2017 19:22
Operator : SJ/JU
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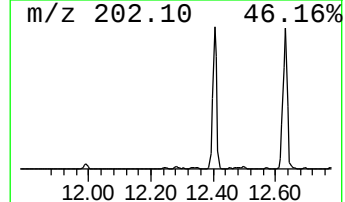
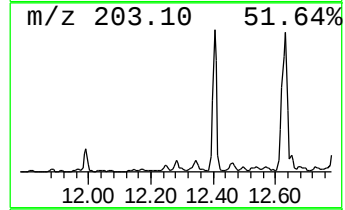
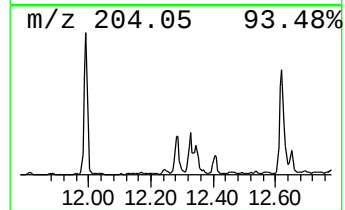
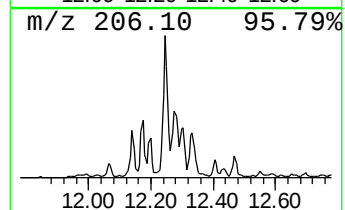
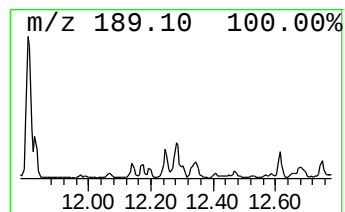
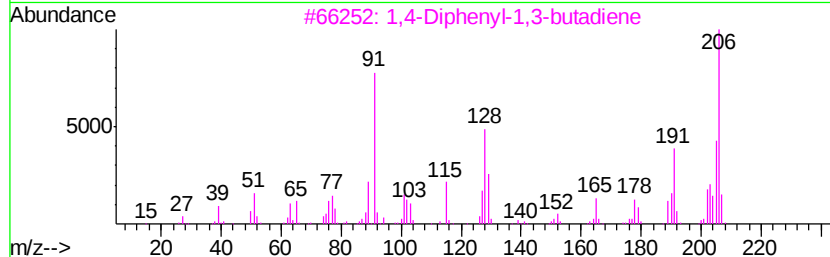
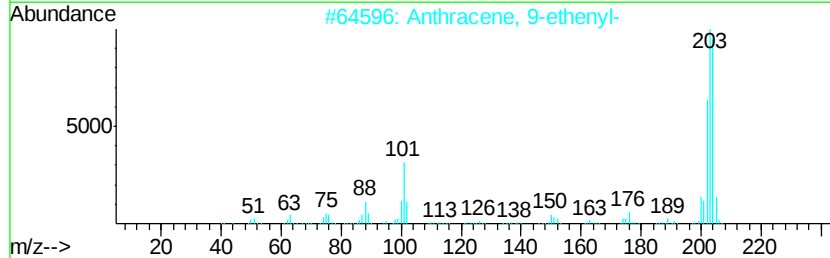
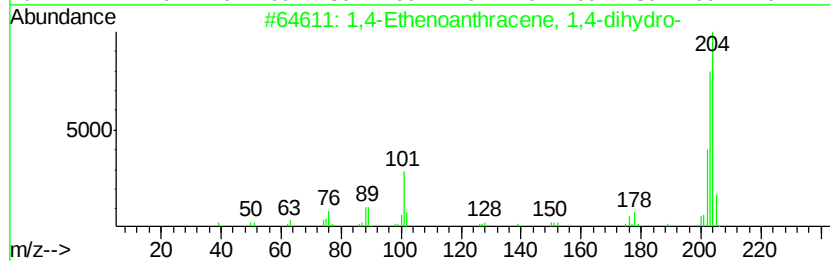
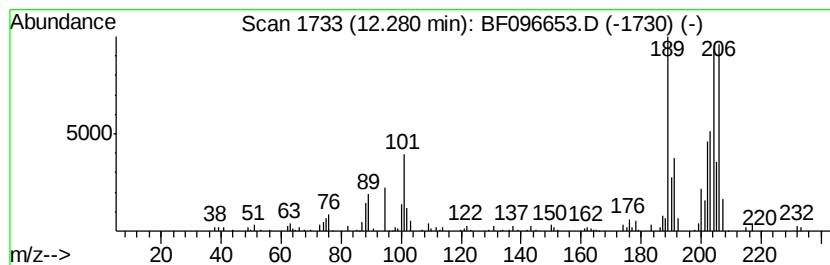
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown12.28 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	3.73 ng	115544	Phenanthrene-d10	11.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	38
2		Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	35
3		1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	30
4		[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	30
5		Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071117\
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Acq On : 11 Jul 2017 19:22
Operator : SJ/JU
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ALS Vial : 20 Sample Multiplier: 1

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ClientSampleId :
CIY-SB-020304-0-6

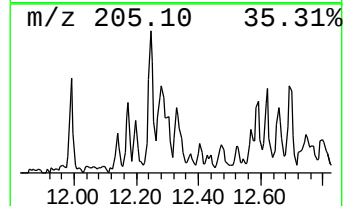
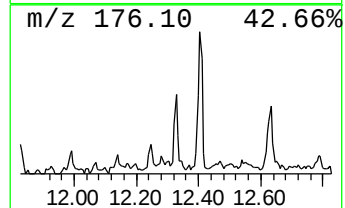
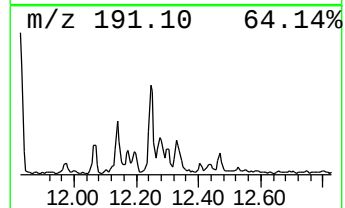
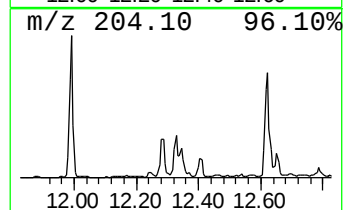
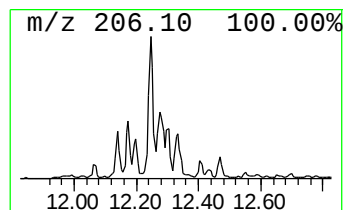
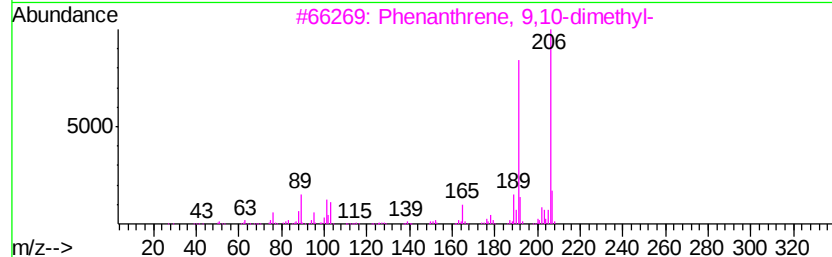
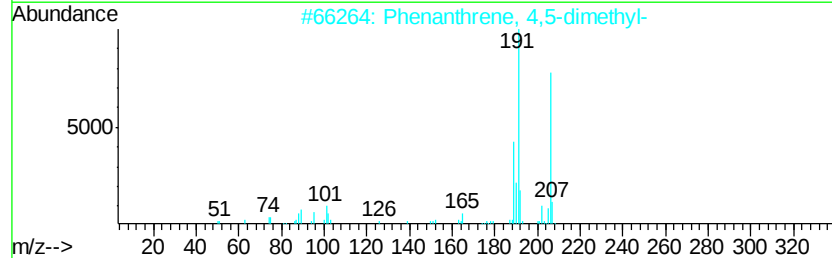
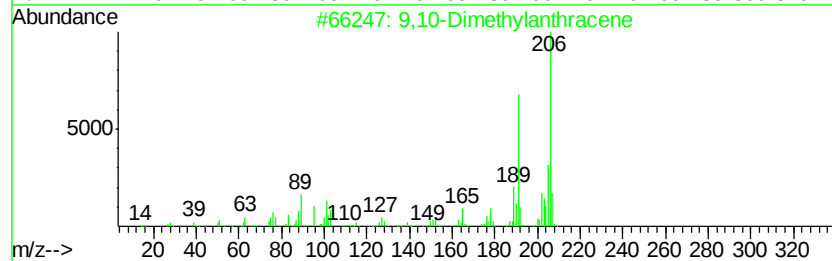
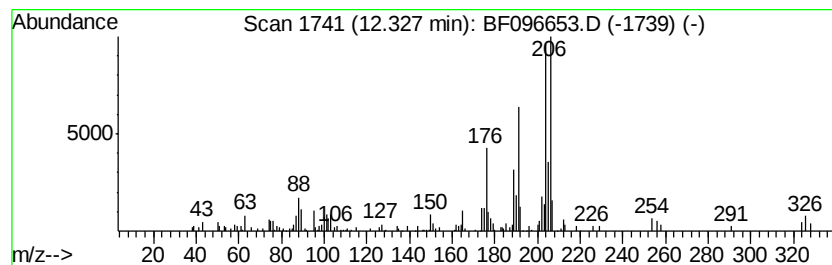
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 9,10-Dimethylantracene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	4.61 ng	142808	Phenanthrene-d10	11.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Dimethylantracene	206	C16H14	000781-43-1	91
2			Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	90
3			Phenanthrene, 9,10-dimethyl-	206	C16H14	000604-83-1	83
4			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	55
5			Anthracene, 2-ethyl-	206	C16H14	052251-71-5	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071117\
Data File : BF096653.D
Acq On : 11 Jul 2017 19:22
Operator : SJ/JU
Sample : I4105-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

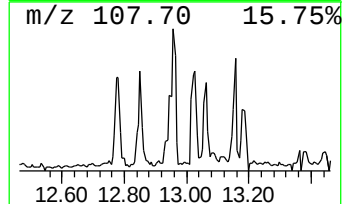
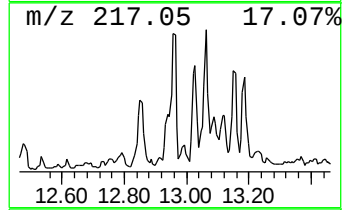
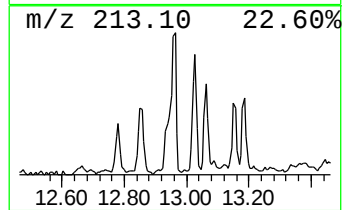
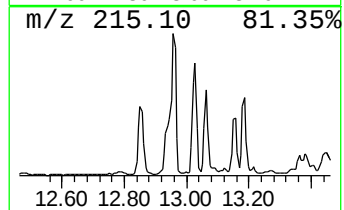
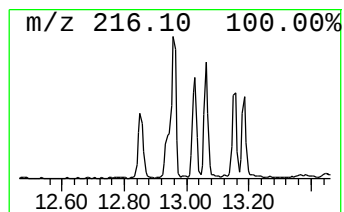
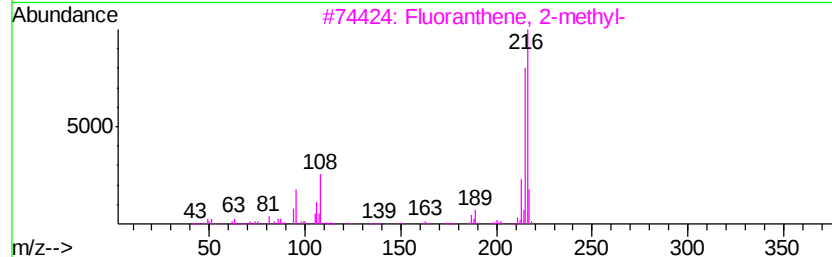
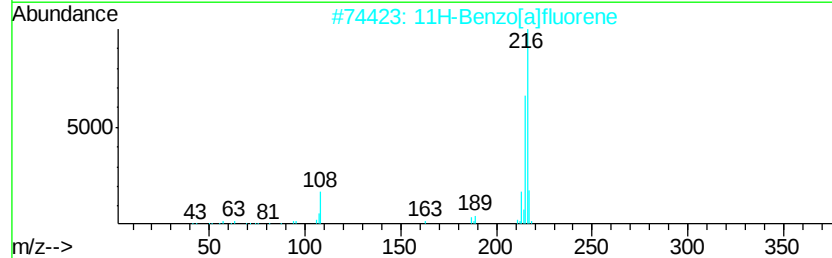
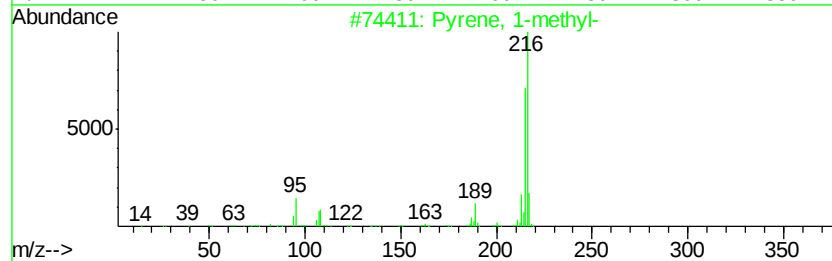
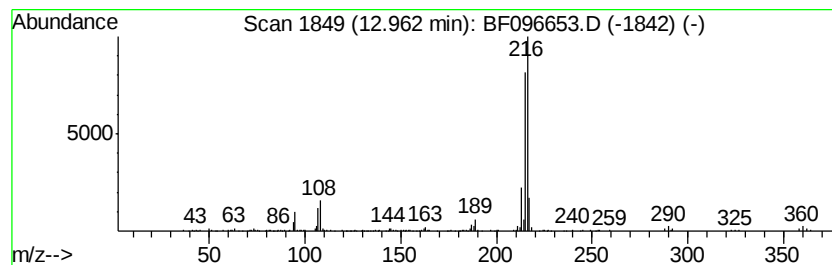
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	5.85 ng	421179	Chrysene-d12	13.83
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pyrene, 1-methyl-	216 C17H12	002381-21-7 94
2		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 92
3		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 91
4		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 90
5		7H-Benzo[c]fluorene	216 C17H12	000205-12-9 87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071117\
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Acq On : 11 Jul 2017 19:22
Operator : SJ/JU
Sample : I4105-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

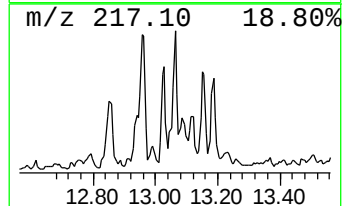
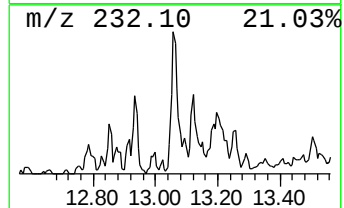
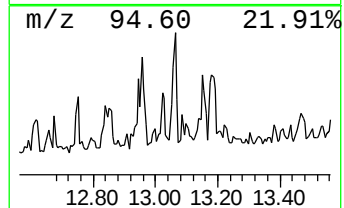
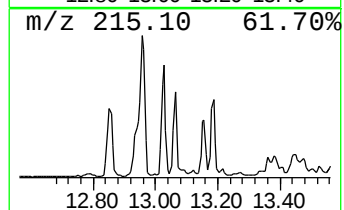
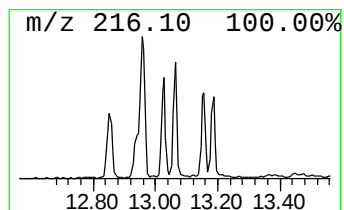
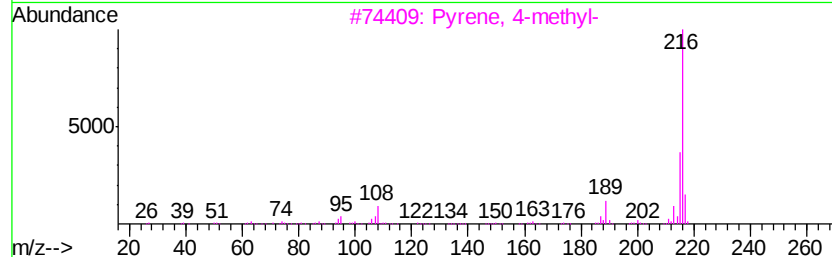
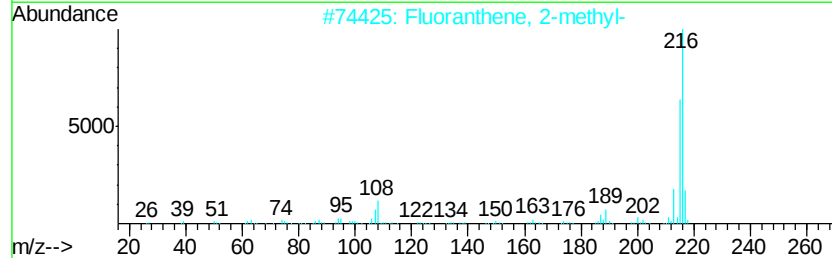
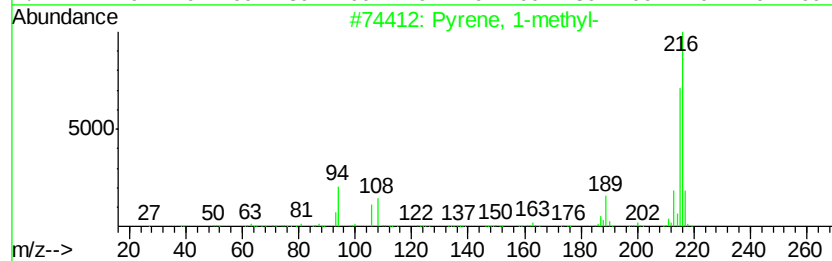
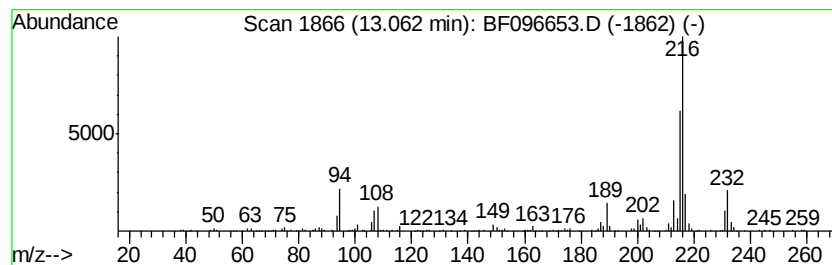
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.06	3.51 ng	252902	Chrysene-d12		13.83	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	97
3		Pyrene, 4-methyl-	216	C17H12	003353-12-6	91
4		Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
5		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071117\
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Acq On : 11 Jul 2017 19:22
Operator : SJ/JU
Sample : I4105-06
Misc :
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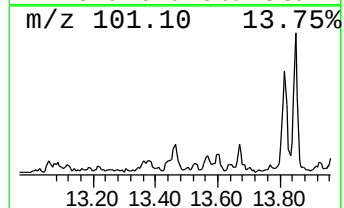
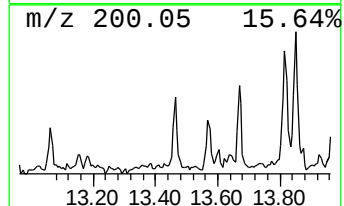
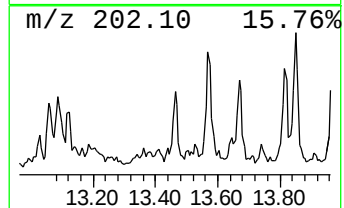
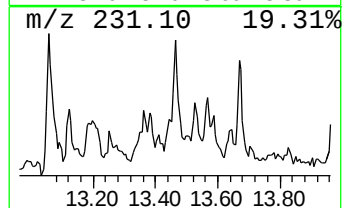
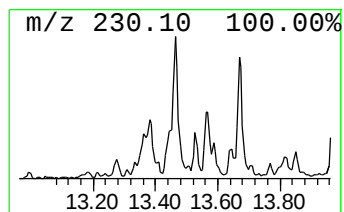
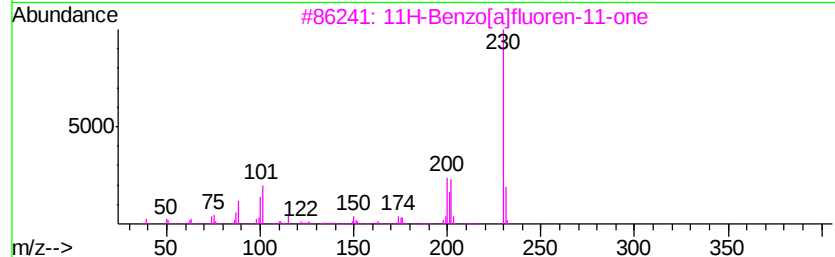
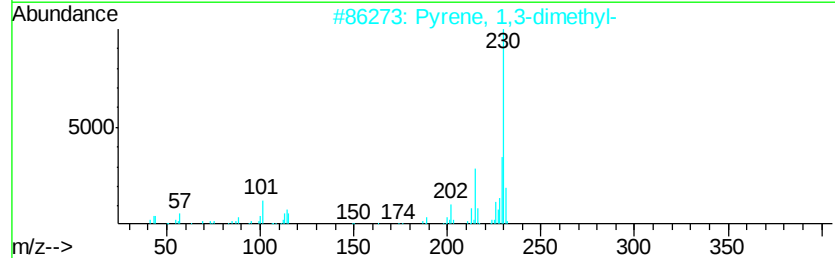
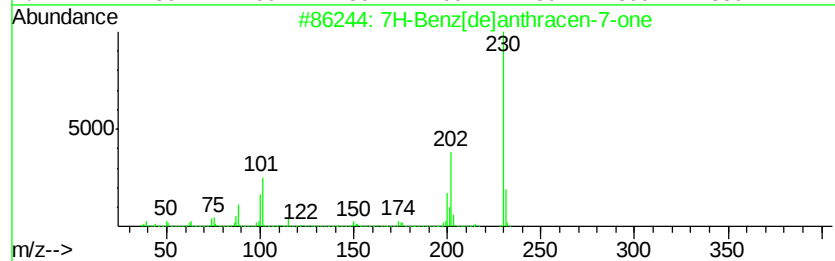
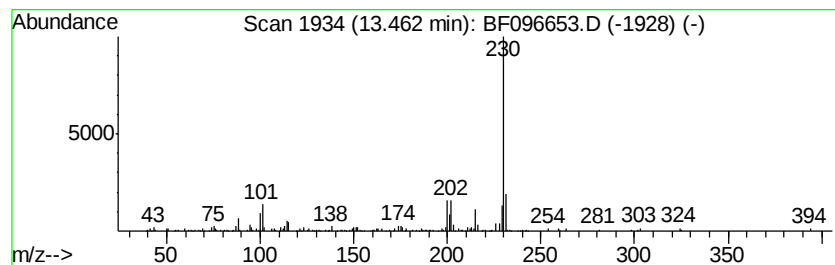
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 7H-Benz[de]anthracen-7-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.46	3.52 ng	253448	Chrysene-d12		13.83	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	74
2		Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	64
3		11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	64
4		m-Terphenyl	230	C18H14	000092-06-8	59
5		Naphthacene, 5,12-dihydro-	230	C18H14	000959-02-4	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071117\
Data File : BF096653.D
Acq On : 11 Jul 2017 19:22
Operator : SJ/JU
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Misc :
ALS Vial : 20 Sample Multiplier: 1

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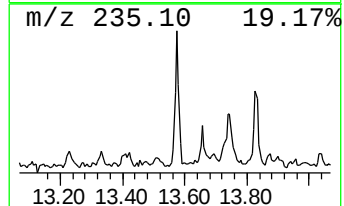
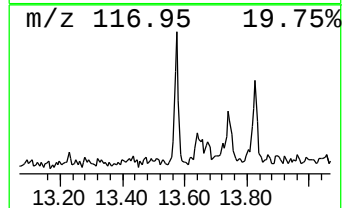
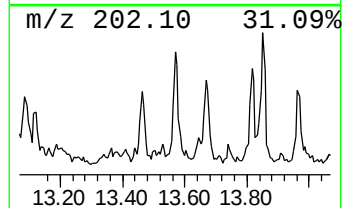
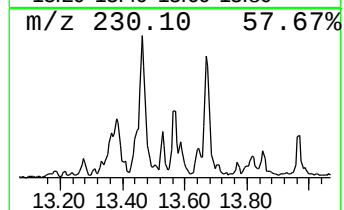
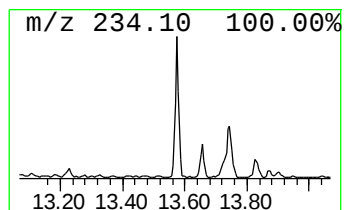
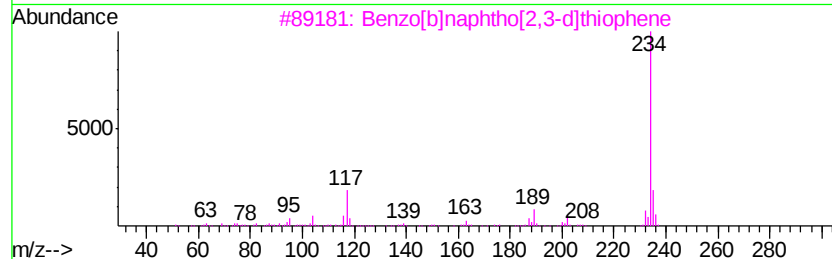
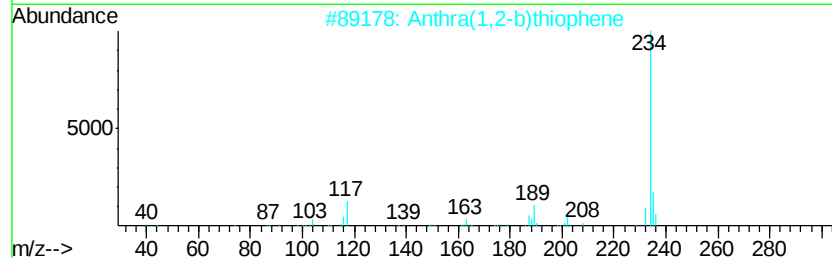
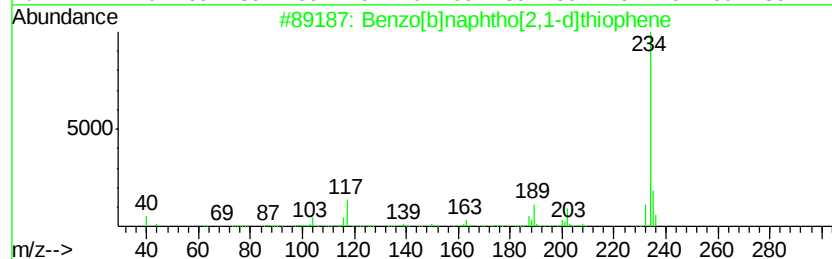
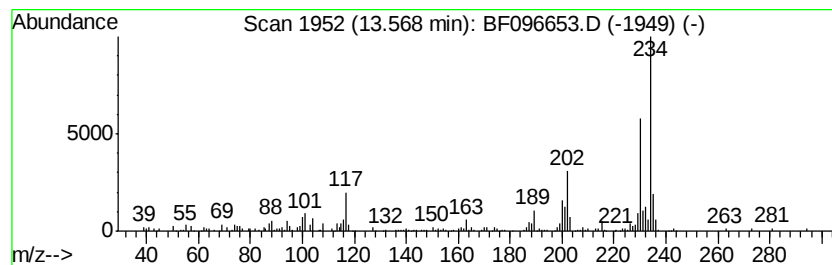
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.57	3.39 ng	243713	Chrysene-d12	13.83

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		Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	93
4		Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	90
5		1,3,6,8-Tetramethylantracene	234	C18H18	017526-53-3	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071117\
Data File : BF096653.D
Acq On : 11 Jul 2017 19:22
Operator : SJ/JU
Sample : I4105-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CIY-SB-020304-0-6

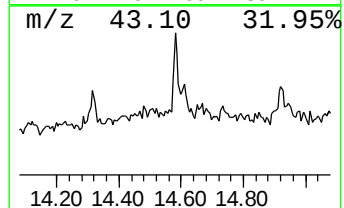
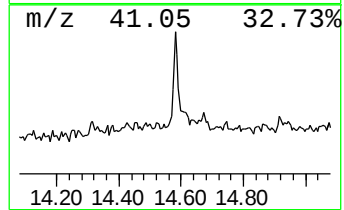
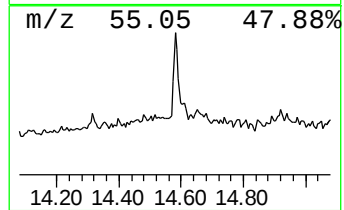
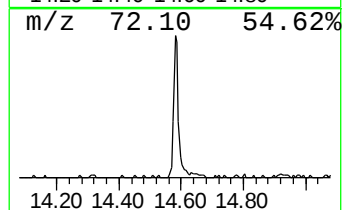
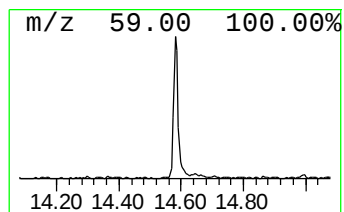
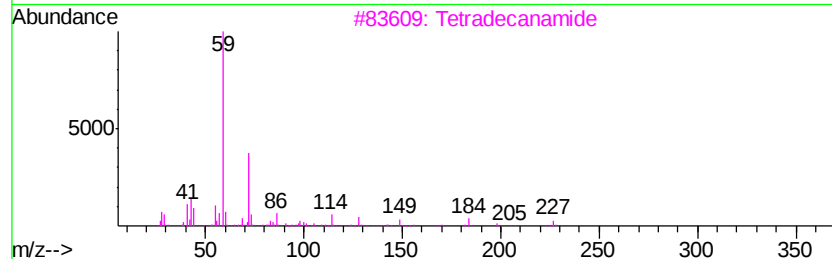
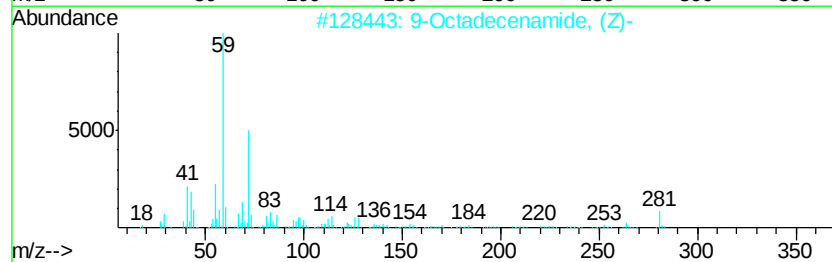
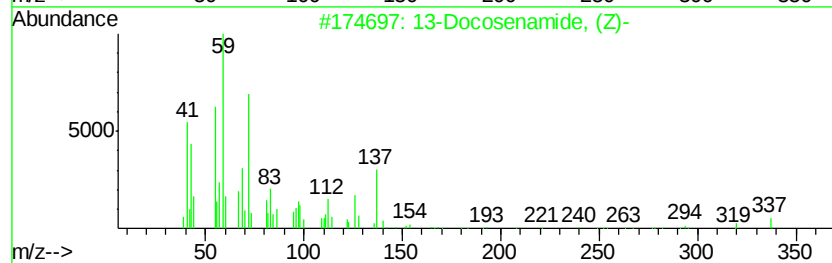
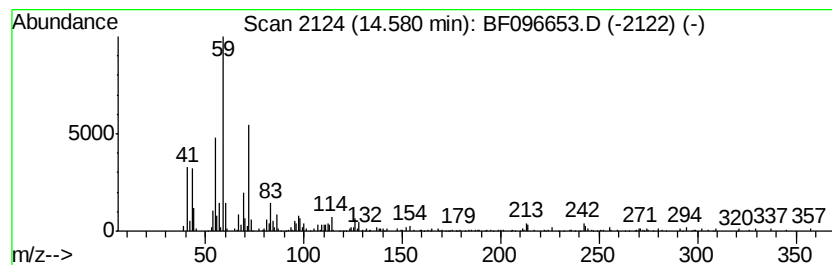
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 13-Docosenamide, (Z)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.58	7.36 ng	211808	Perylene-d12	15.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	87
2		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	86
3		Tetradecanamide	227	C14H29NO	000638-58-4	78
4		Hexadecanamide	255	C16H33NO	000629-54-9	78
5		Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FN03	061338-98-5	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071117\
Data File : BF096653.D
Acq On : 11 Jul 2017 19:22
Operator : SJ/JU
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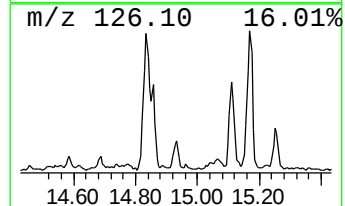
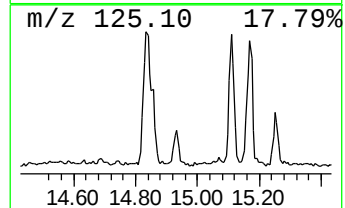
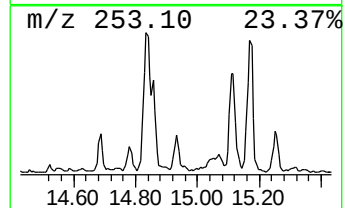
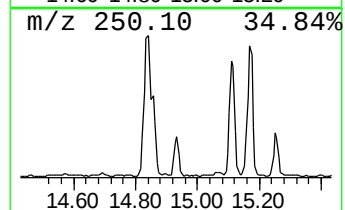
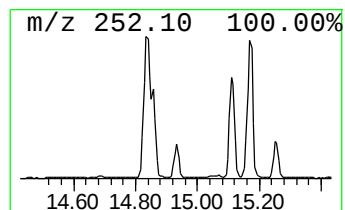
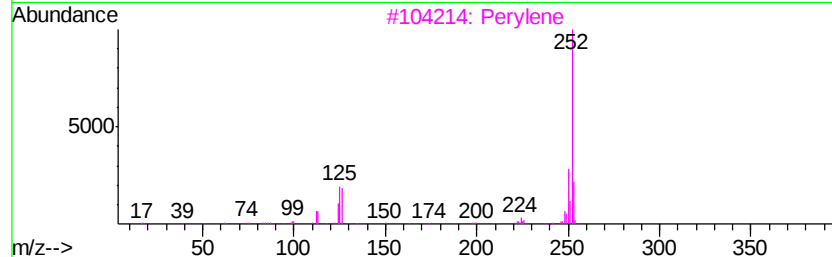
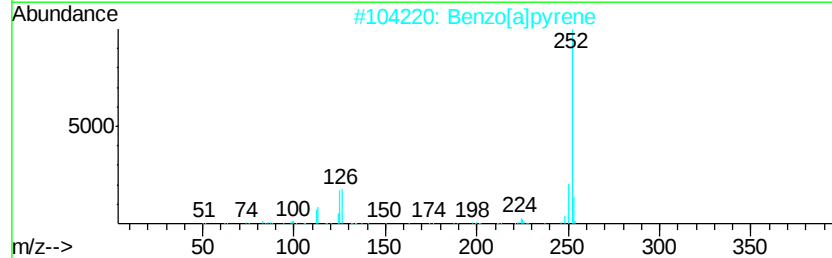
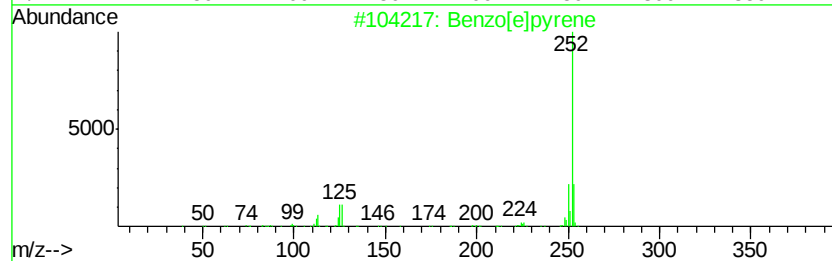
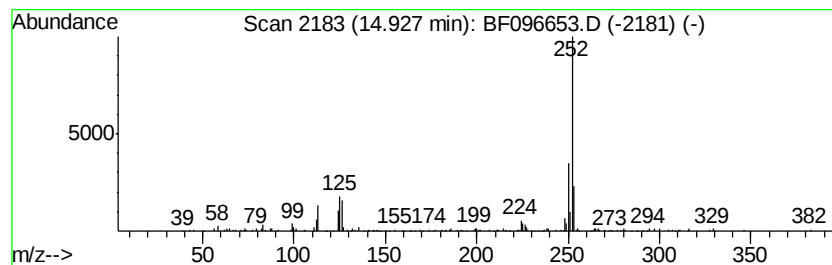
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	5.33 ng	153446	Perylene-d12	15.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2		Benzo[a]pyrene	252	C20H12	000050-32-8	93
3		Perylene	252	C20H12	000198-55-0	91
4		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071117\
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 Acq On : 11 Jul 2017 19:22
 Operator : SJ/JU
 Sample : I4105-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CIY-SB-020304-0-6

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
2-Pentanone, 4-hy...	4.87	14.0	ng	473474	1	6.69	678375	20.0
unknown6.46	6.46	68.2	ng	2313890	1	6.69	678375	20.0
Anthracene, 2-met...	11.70	9.2	ng	283513	4	11.19	618990	20.0
Phenanthrene, 2-m...	11.72	11.7	ng	362570	4	11.19	618990	20.0
4H-Cyclopenta[def...	11.80	16.3	ng	504768	4	11.19	618990	20.0
Naphthalene, 2-ph...	11.99	5.0	ng	154238	4	11.19	618990	20.0
Phenanthrene, 4,5...	12.14	4.3	ng	133813	4	11.19	618990	20.0
Phenanthrene, 2,5...	12.24	9.4	ng	292329	4	11.19	618990	20.0
unknown12.28	12.28	3.7	ng	115544	4	11.19	618990	20.0
9,10-Dimethylanthe...	12.33	4.6	ng	142808	4	11.19	618990	20.0
Pyrene, 1-methyl-	12.96	5.8	ng	421179	5	13.83	1439930	20.0
11H-Benzo[b]fluorene	13.06	3.5	ng	252902	5	13.83	1439930	20.0
7H-Benz[de]anthra...	13.46	3.5	ng	253448	5	13.83	1439930	20.0
Benzo[b]naphtho[2...	13.57	3.4	ng	243713	5	13.83	1439930	20.0
13-Docosenamide, ...	14.58	7.4	ng	211808	6	15.23	575292	20.0
Benzo[e]pyrene	14.93	5.3	ng	153446	6	15.23	575292	20.0