

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
 Data File : BF099635.D
 Acq On : 18 Oct 2017 23:33
 Operator : SJ/JU
 Sample : I5935-07 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-101617-C

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-BF092317.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.039	499	502	512	rVB	140697	155212	15.39%	0.606%
2	5.451	569	572	584	rBV	942906	935029	92.69%	3.653%
3	6.469	741	745	756	rBV	963983	905051	89.72%	3.536%
4	6.598	764	767	773	rBV	1121416	953858	94.55%	3.727%
5	6.828	802	806	813	rBV	632634	502334	49.80%	1.963%
6	6.980	829	832	841	rVB	910405	774781	76.80%	3.027%
7	7.086	847	850	857	rBV	61084	64948	6.44%	0.254%
8	7.392	898	902	908	rBV	626207	520507	51.60%	2.034%
9	8.110	1020	1024	1026	rBV	701584	609396	60.41%	2.381%
10	8.127	1026	1027	1031	rVV	347739	244885	24.28%	0.957%
11	8.822	1140	1145	1148	rBV	441913	391777	38.84%	1.531%
12	8.916	1157	1161	1165	rBV	369861	340962	33.80%	1.332%
13	9.180	1202	1206	1209	rBV	1024460	835865	82.86%	3.266%
14	9.374	1237	1239	1245	rVB	54535	68029	6.74%	0.266%
15	9.451	1247	1252	1255	rBV2	170419	231219	22.92%	0.903%
16	9.521	1259	1264	1266	rBV	312702	316456	31.37%	1.236%
17	9.545	1266	1268	1272	rVB	215758	155342	15.40%	0.607%
18	9.633	1280	1283	1285	rBV	139479	131550	13.04%	0.514%
19	9.721	1295	1298	1304	rVB	232314	200174	19.84%	0.782%
20	9.863	1315	1322	1325	rBV	562235	536922	53.22%	2.098%
21	9.892	1325	1327	1330	rVV2	73591	69252	6.86%	0.271%
22	9.963	1335	1339	1343	rBV2	65235	87705	8.69%	0.343%
23	10.063	1349	1356	1359	rVB3	117832	135731	13.45%	0.530%
24	10.104	1359	1363	1366	rVB	129181	116877	11.59%	0.457%
25	10.174	1371	1375	1378	rBV	147063	153836	15.25%	0.601%
26	10.257	1386	1389	1392	rBV2	82045	117447	11.64%	0.459%
27	10.280	1392	1393	1396	rVB2	80795	59601	5.91%	0.233%
28	10.410	1412	1415	1420	rVB3	193519	221563	21.96%	0.866%
29	10.474	1420	1426	1427	rBV4	53500	68379	6.78%	0.267%
30	10.568	1436	1442	1445	rVB5	43092	67871	6.73%	0.265%
31	10.651	1449	1456	1459	rBV2	489924	448143	44.42%	1.751%
32	10.768	1470	1476	1482	rVB4	72042	102602	10.17%	0.401%
33	10.957	1503	1508	1510	rVV2	159238	216925	21.50%	0.848%
34	10.986	1510	1513	1515	rVV	160845	149578	14.83%	0.584%

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35	11.039	1519	1522	1525	rVV	125797	117216	11.62%	0.458%
36	11.086	1525	1530	1532	rVV2	53269	102301	10.14%	0.400%
37	11.110	1532	1534	1539	rVV3	60328	92430	9.16%	0.361%
38	11.157	1539	1542	1547	rVV2	63976	99859	9.90%	0.390%
39	11.198	1547	1549	1552	rVV3	58760	60353	5.98%	0.236%
40	11.245	1552	1557	1562	rVB	123171	130316	12.92%	0.509%
41	11.351	1571	1575	1577	rBV	571235	507714	50.33%	1.984%
42	11.374	1577	1579	1582	rVV	894083	676968	67.11%	2.645%
43	11.427	1585	1588	1590	rVV	203154	161971	16.06%	0.633%
44	11.457	1590	1593	1596	rVV4	95211	130321	12.92%	0.509%
45	11.504	1599	1601	1607	rVV4	61170	106589	10.57%	0.416%
46	11.586	1611	1615	1619	rBV3	61240	108108	10.72%	0.422%
47	11.680	1626	1631	1635	rBV2	150132	161900	16.05%	0.633%
48	11.763	1642	1645	1649	rVB	89839	97501	9.67%	0.381%
49	11.851	1657	1660	1662	rVV	487282	392914	38.95%	1.535%
50	11.880	1662	1665	1668	rVB	563902	474370	47.02%	1.853%
51	11.927	1668	1673	1676	rBV	217754	207652	20.58%	0.811%
52	11.963	1676	1679	1681	rVV2	497782	514534	51.00%	2.010%
53	11.986	1681	1683	1688	rVB	423612	334040	33.11%	1.305%
54	12.080	1697	1699	1703	rVB2	73860	69944	6.93%	0.273%
55	12.145	1706	1710	1714	rBV3	142042	157388	15.60%	0.615%
56	12.180	1714	1716	1720	rVB3	104319	97651	9.68%	0.382%
57	12.274	1730	1732	1734	rBV	72166	76923	7.63%	0.301%
58	12.327	1738	1741	1743	rVB	134191	103269	10.24%	0.403%
59	12.351	1743	1745	1747	rVB2	130716	96189	9.54%	0.376%
60	12.398	1747	1753	1756	rBV	426416	491101	48.68%	1.919%
61	12.439	1756	1760	1762	rVV2	204261	262342	26.01%	1.025%
62	12.498	1765	1770	1777	rVB4	152931	345471	34.25%	1.350%
63	12.562	1778	1781	1785	rBV	607613	559150	55.43%	2.185%
64	12.604	1785	1788	1790	rBV2	85047	77500	7.68%	0.303%
65	12.627	1790	1792	1794	rVB	110787	80737	8.00%	0.315%
66	12.715	1804	1807	1809	rBV3	95126	88979	8.82%	0.348%
67	12.739	1809	1811	1814	rVB2	78976	62672	6.21%	0.245%
68	12.798	1815	1821	1826	rBV	982047	1008792	100.00%	3.941%
69	12.845	1826	1829	1833	rVB	143465	152838	15.15%	0.597%
70	12.904	1833	1839	1840	rBV2	87029	131076	12.99%	0.512%
71	12.927	1840	1843	1846	rBV	767527	723484	71.72%	2.827%

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72	13.009	1853	1857	1863	rBV4	167088	298595	29.60%	1.167%
73	13.062	1863	1866	1869	rBV4	78279	84671	8.39%	0.331%
74	13.098	1869	1872	1874	rVV3	145164	185800	18.42%	0.726%
75	13.121	1874	1876	1879	rVB	268658	231523	22.95%	0.905%
76	13.186	1885	1887	1890	rVB	160035	132253	13.11%	0.517%
77	13.227	1891	1894	1897	rBV	311947	264865	26.26%	1.035%
78	13.321	1907	1910	1912	rVV	294525	248739	24.66%	0.972%
79	13.351	1912	1915	1918	rVB	296274	249965	24.78%	0.977%
80	13.527	1942	1945	1946	rBV2	67582	64686	6.41%	0.253%
81	13.604	1955	1958	1961	rBV2	82490	126627	12.55%	0.495%
82	13.639	1961	1964	1967	rVB3	127398	149606	14.83%	0.585%
83	13.692	1971	1973	1976	rVB	87364	65876	6.53%	0.257%
84	13.727	1976	1979	1980	rBV	99506	82031	8.13%	0.320%
85	13.745	1980	1982	1985	rVV2	123216	153390	15.21%	0.599%
86	13.815	1989	1994	1997	rBV4	117120	189085	18.74%	0.739%
87	13.845	1997	1999	2002	rVB	81056	70006	6.94%	0.274%
88	13.992	2019	2024	2027	rBV2	734845	981317	97.28%	3.834%
89	14.021	2027	2029	2032	rVV	403199	331249	32.84%	1.294%
90	14.080	2036	2039	2041	rBV	78443	67653	6.71%	0.264%
91	14.133	2045	2048	2049	rBV3	62804	62595	6.20%	0.245%
92	14.380	2085	2090	2093	rVV	235180	255419	25.32%	0.998%
93	14.415	2093	2096	2098	rVV	118940	94102	9.33%	0.368%
94	14.509	2109	2112	2114	rBV	123145	103328	10.24%	0.404%
95	14.874	2172	2174	2177	rVB2	73183	75637	7.50%	0.296%
96	15.033	2198	2201	2204	rBV	130787	166684	16.52%	0.651%
97	15.339	2250	2253	2257	rVB	138922	162352	16.09%	0.634%
98	15.398	2260	2263	2267	rVB	160760	198114	19.64%	0.774%
99	15.462	2271	2274	2278	rVB	330221	362612	35.95%	1.417%
100	16.939	2522	2525	2534	rVB3	98419	184170	18.26%	0.720%

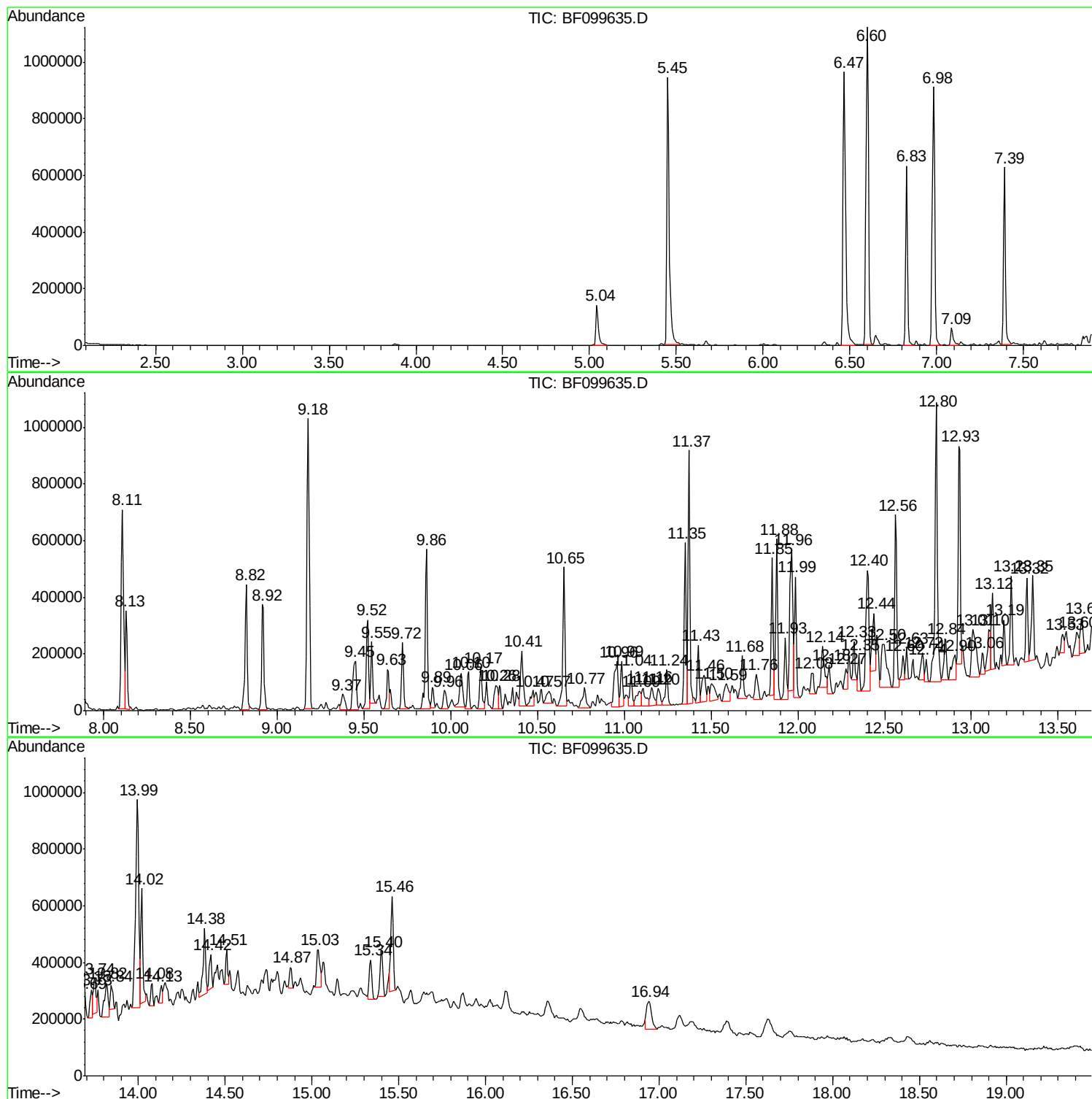
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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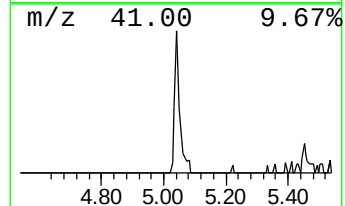
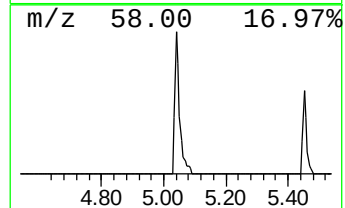
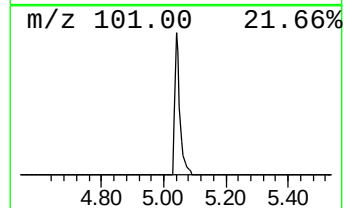
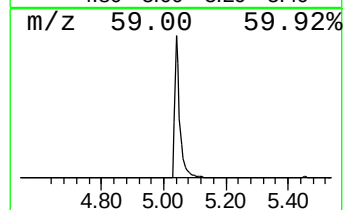
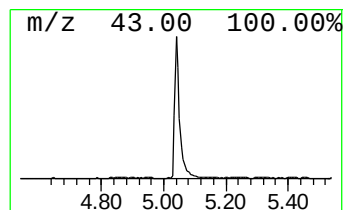
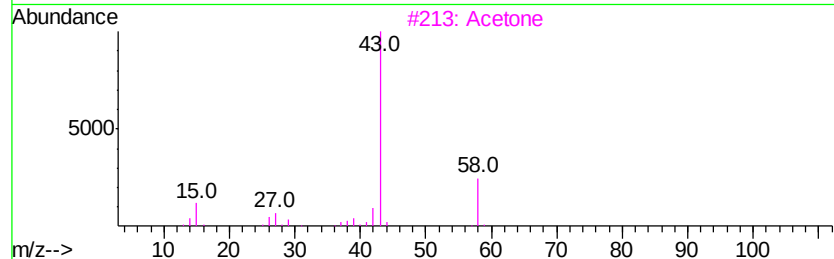
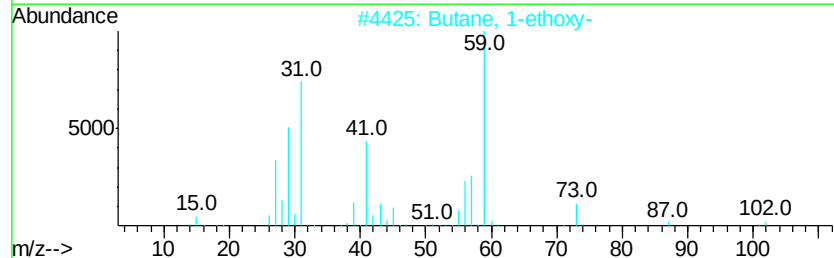
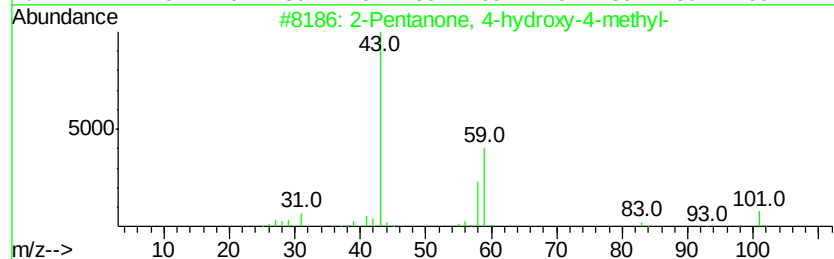
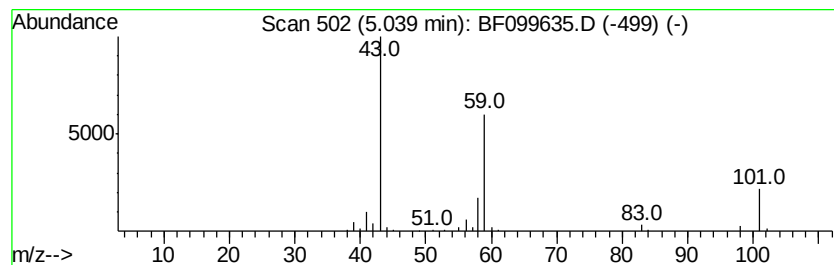
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.04	6.18 ng	155212	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
3		Acetone	58	C3H6O	000067-64-1	9
4		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5		(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9



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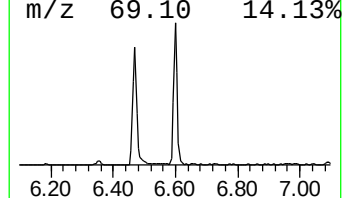
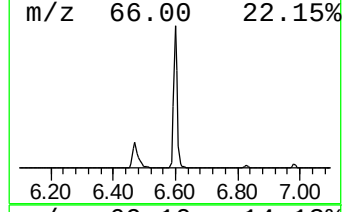
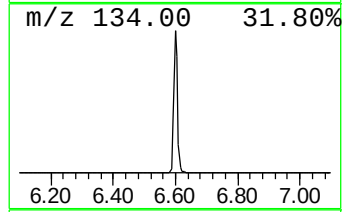
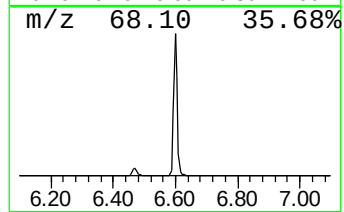
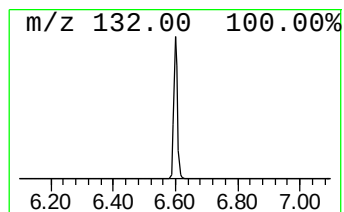
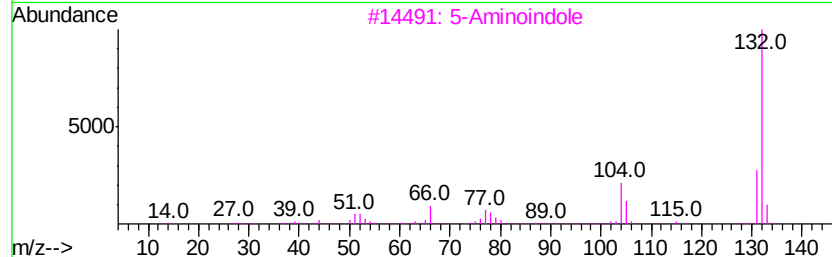
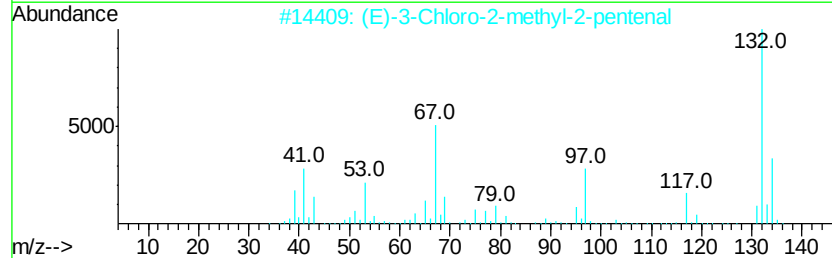
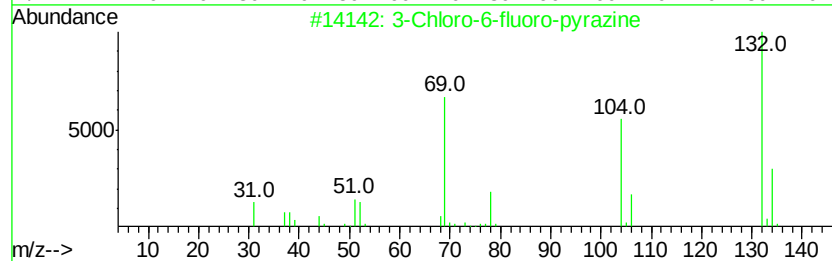
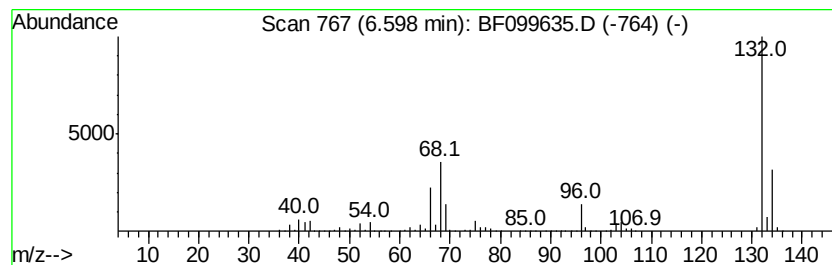
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Peak Number 2 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	37.98 ng	953858	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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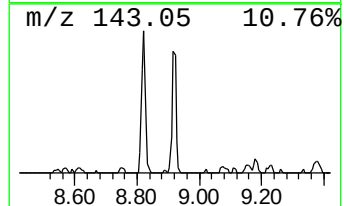
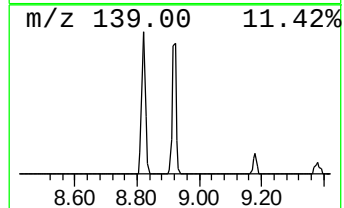
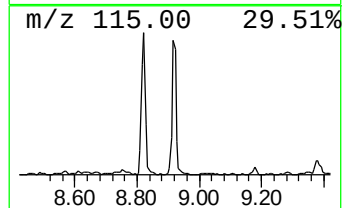
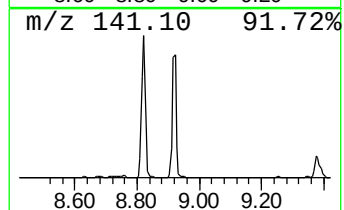
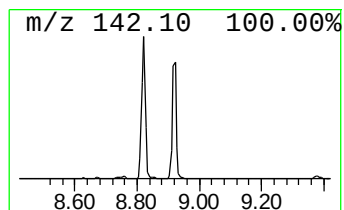
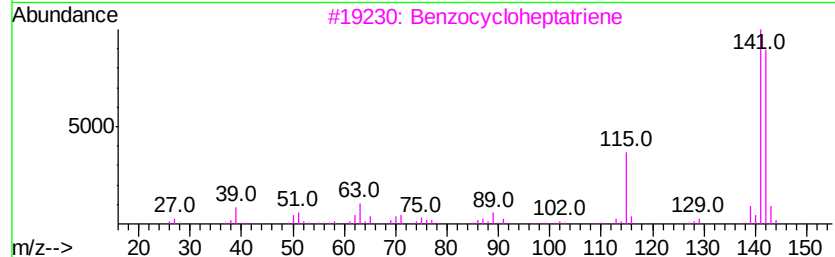
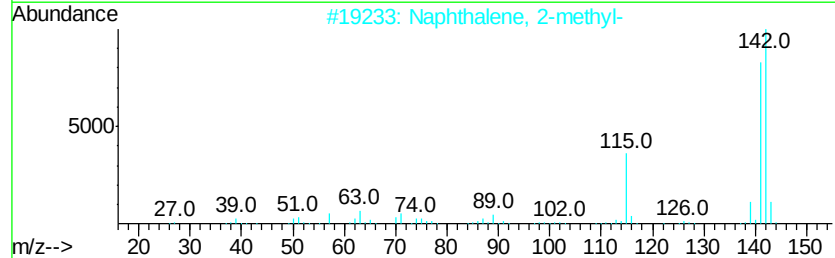
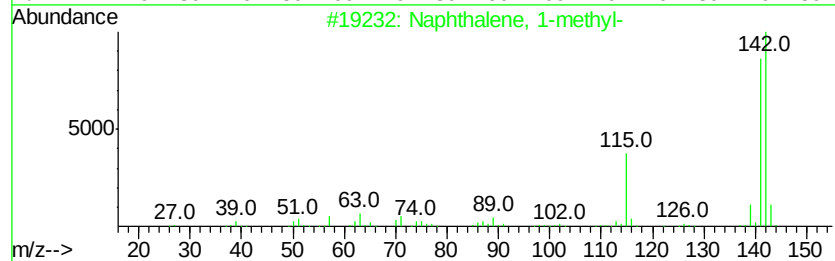
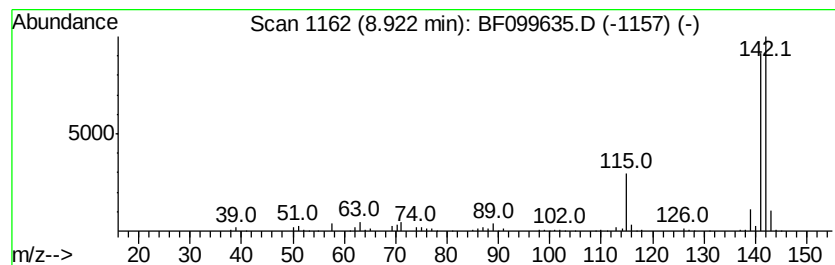
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Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.92	11.19 ng	340962	Naphthalene-d8	8.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		Benzocycloheptatriene	142	C11H10	000264-09-5	91
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64



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Sample : I5935-07 2X
Misc :
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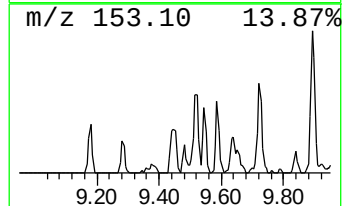
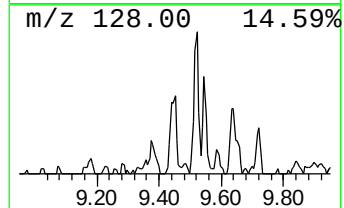
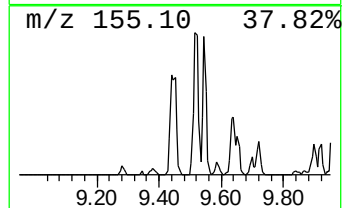
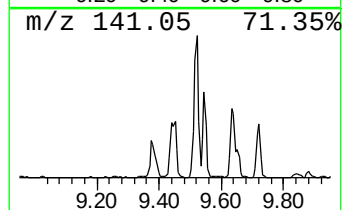
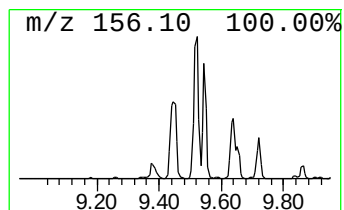
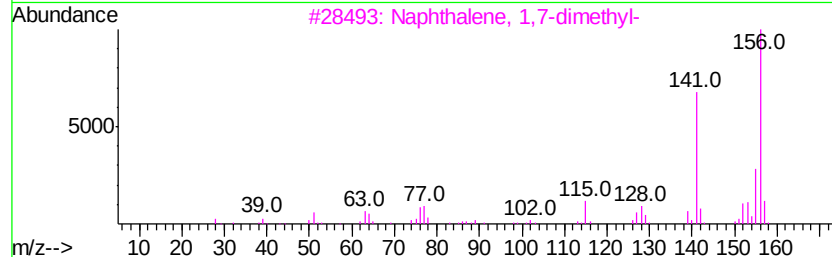
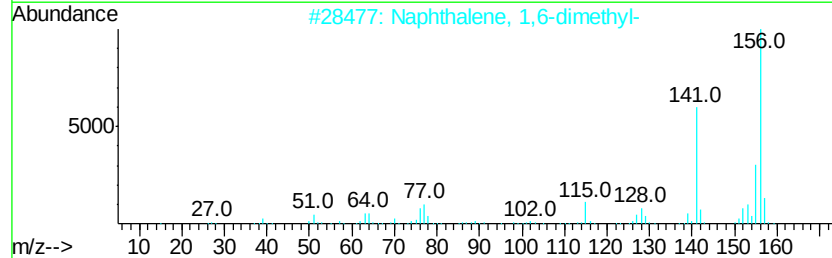
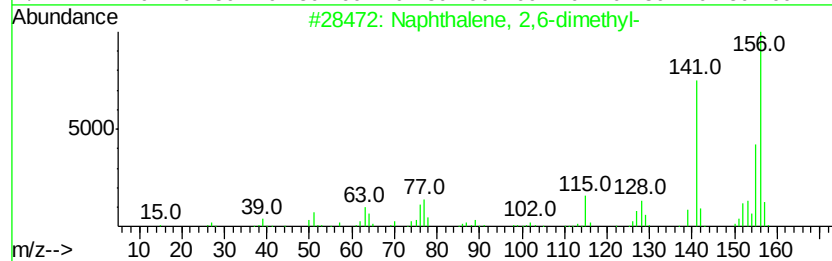
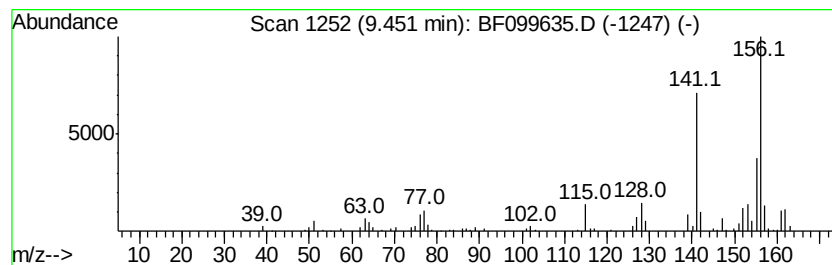
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 2,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	8.61 ng	231219	Acenaphthene-d10	9.86
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 98
2		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 97
3		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 97
4		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 97
5		Naphthalene, 1,2-dimethyl-	156 C12H12	000573-98-8 96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
Data File : BF099635.D
Acq On : 18 Oct 2017 23:33
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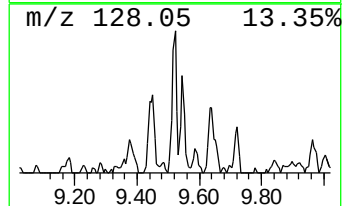
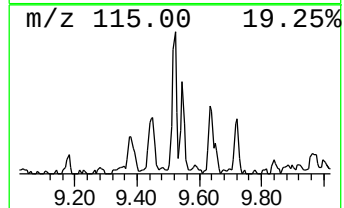
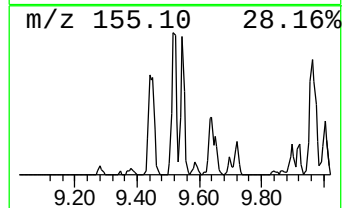
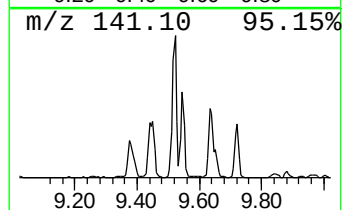
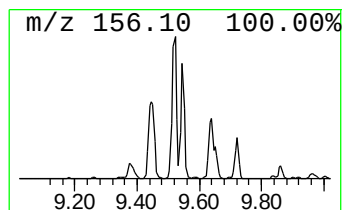
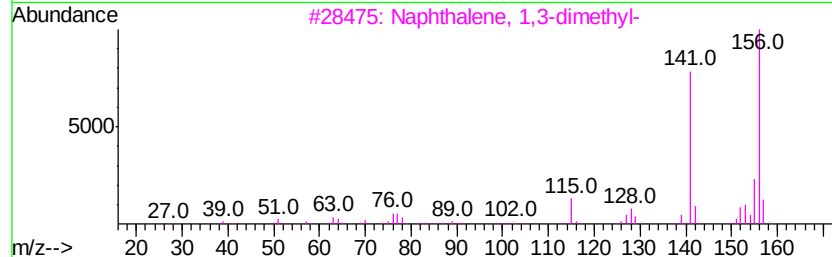
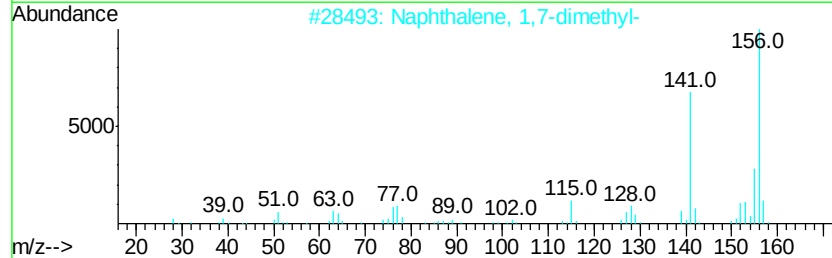
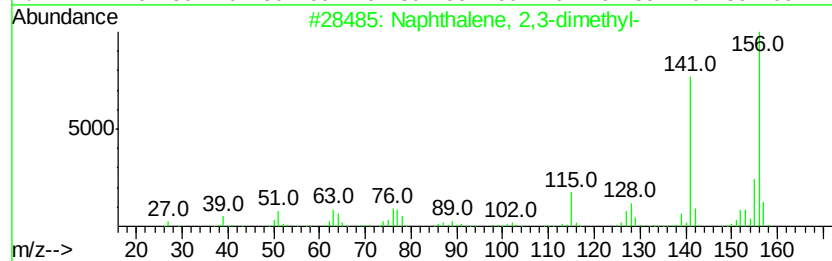
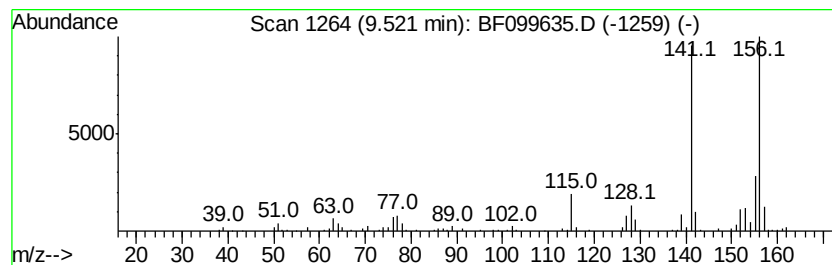
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	11.79 ng	316456	Acenaphthene-d10	9.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
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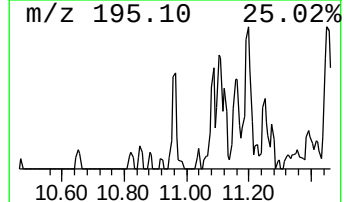
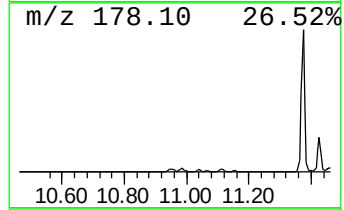
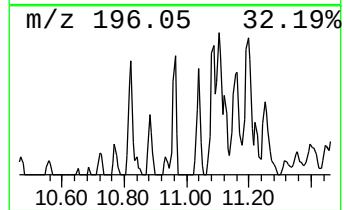
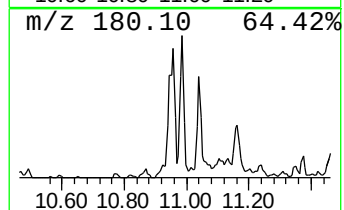
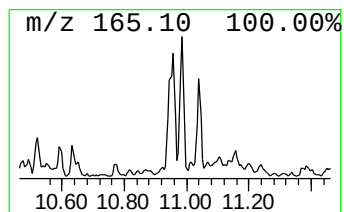
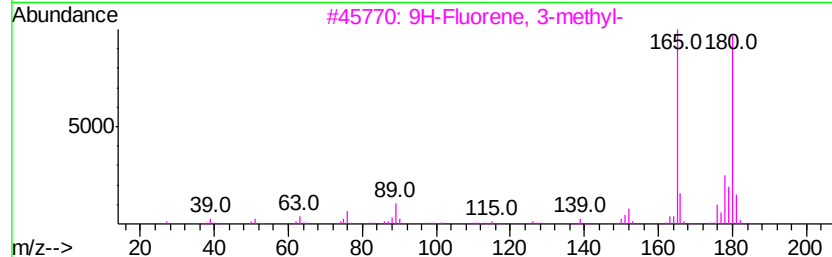
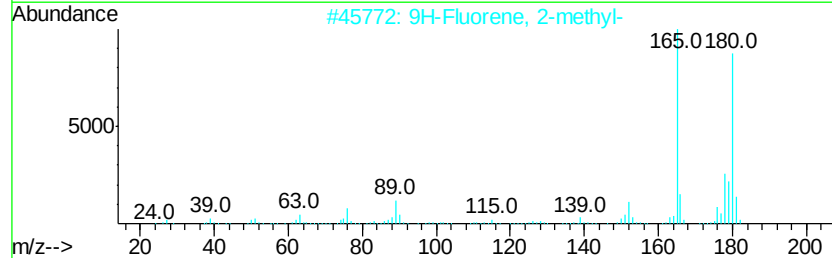
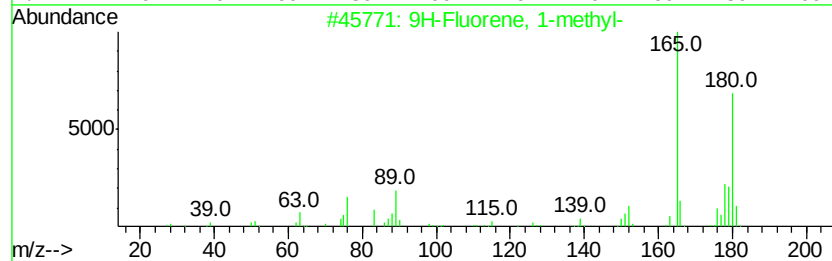
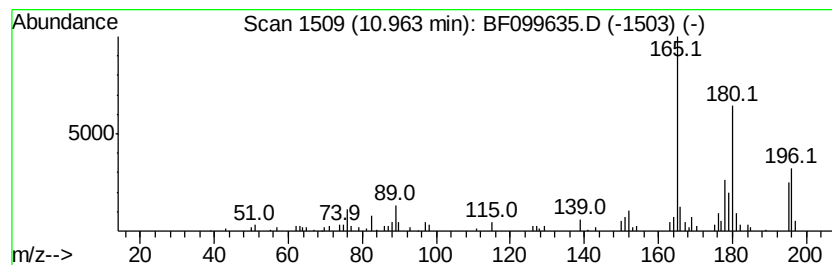
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 9H-Fluorene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.96	8.55 ng	216925	Phenanthrene-d10		11.35
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	89
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	86
4	3H-Benz[elindene, 2-methyl-	180	C14H12	150096-60-9	83
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	70



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
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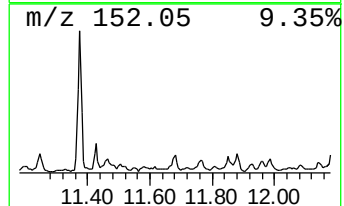
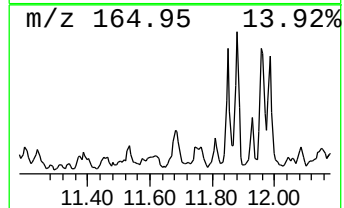
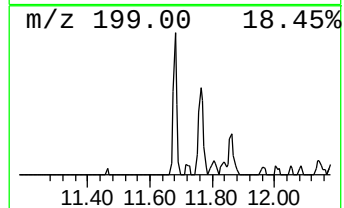
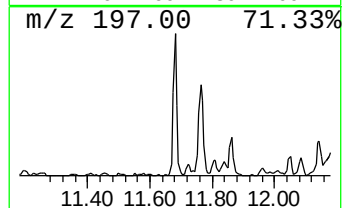
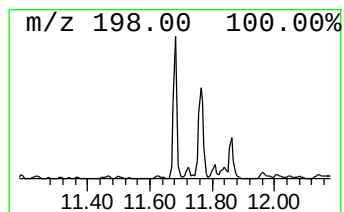
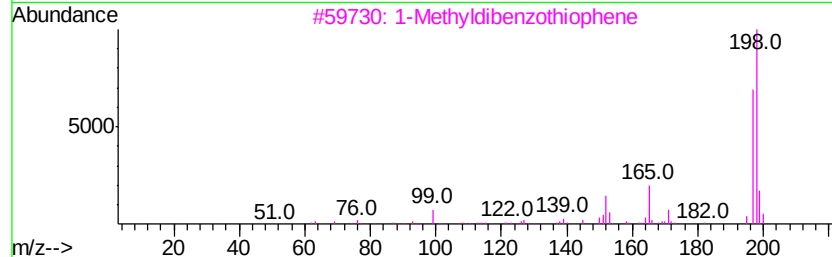
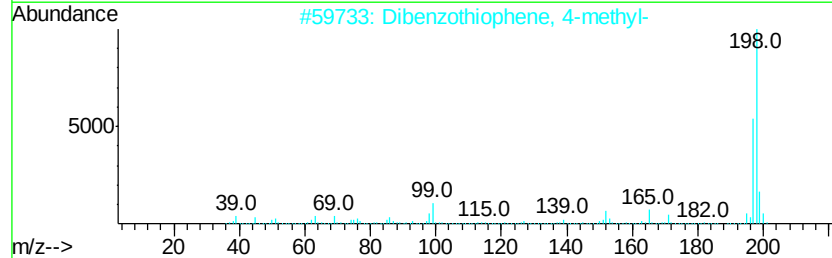
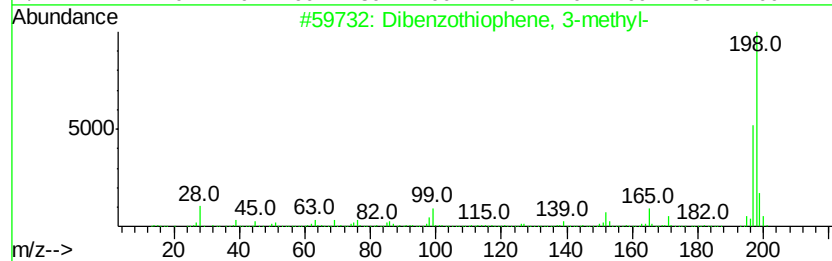
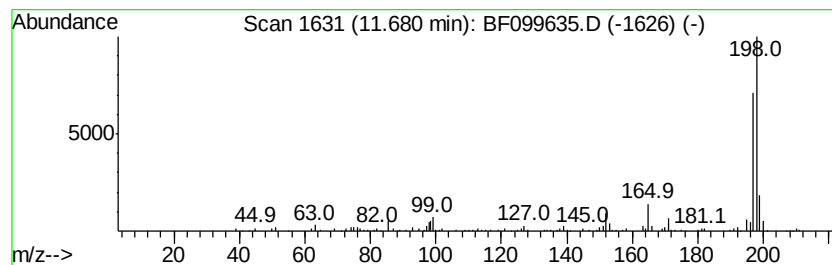
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Dibenzothiophene, 3-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.68	6.38 ng	161900	Phenanthrene-d10	11.35	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	95
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	95
3	1-Methyl dibenzothiophene	198	C13H10S	031317-07-4	95
4	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	90
5	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
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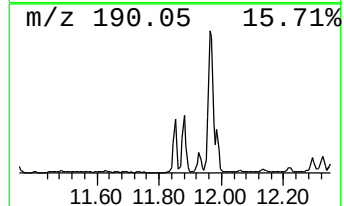
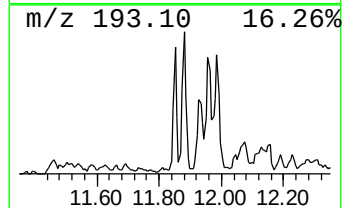
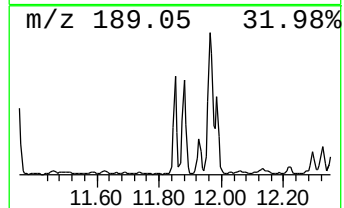
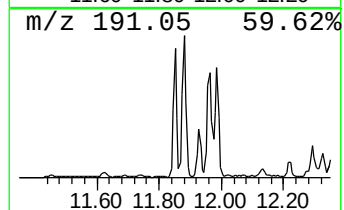
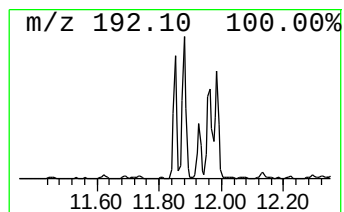
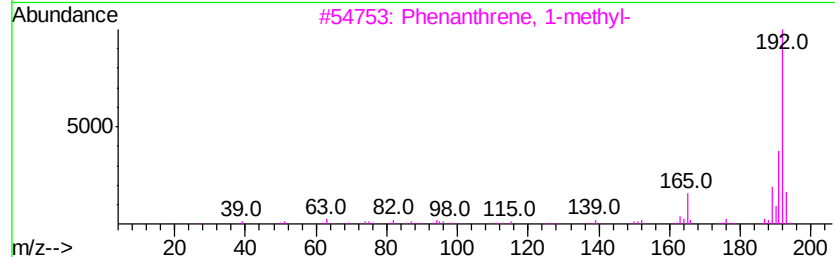
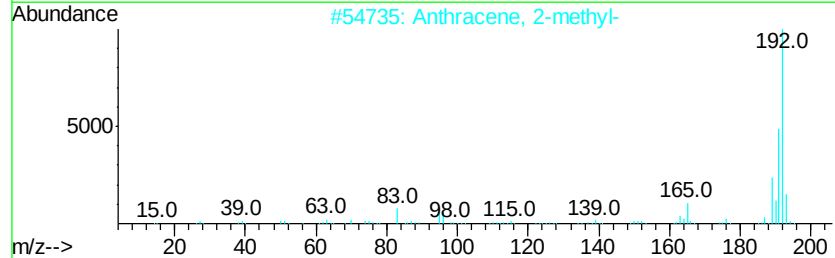
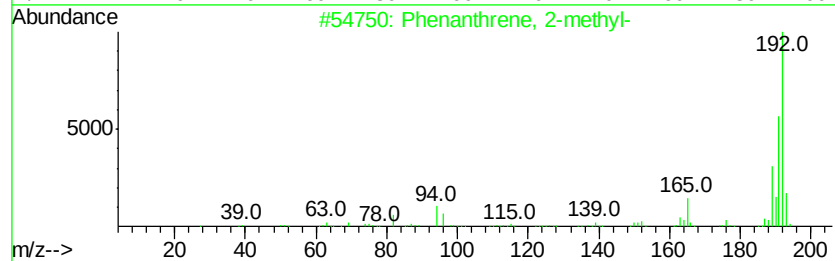
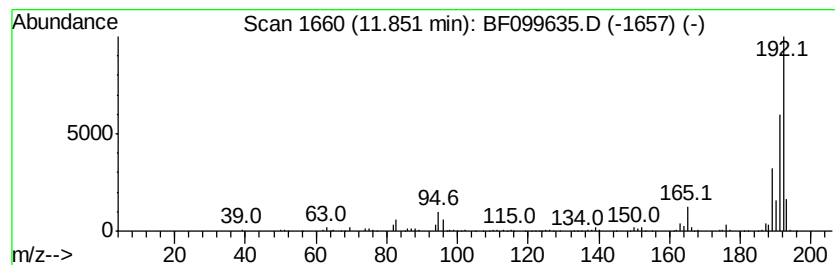
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	15.48 ng	392914	Phenanthrene-d10	11.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
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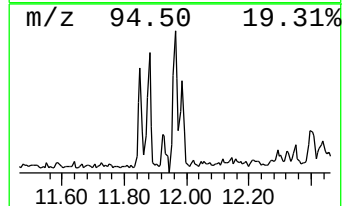
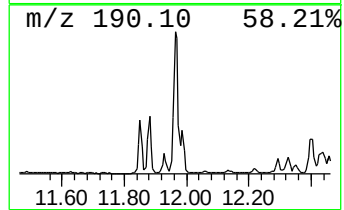
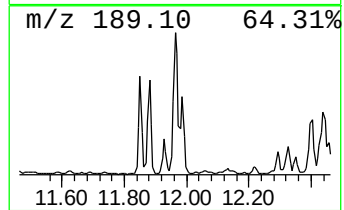
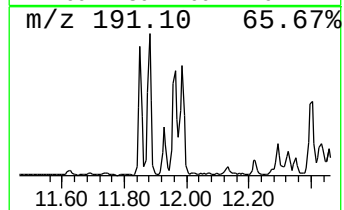
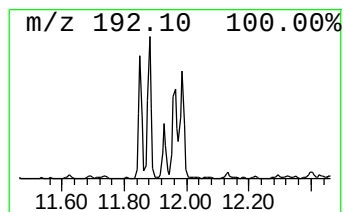
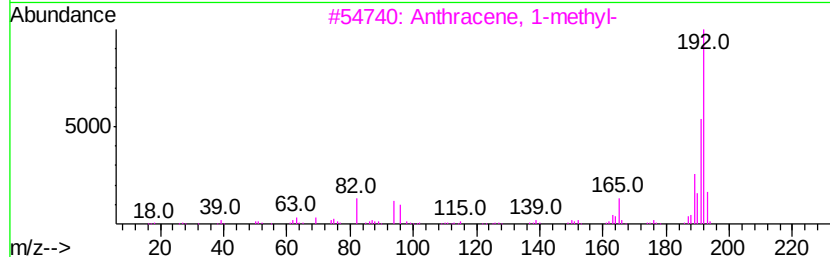
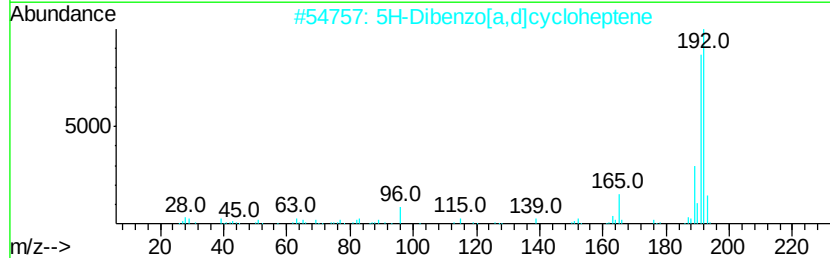
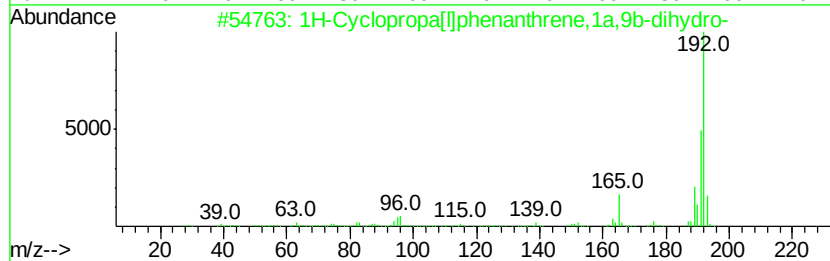
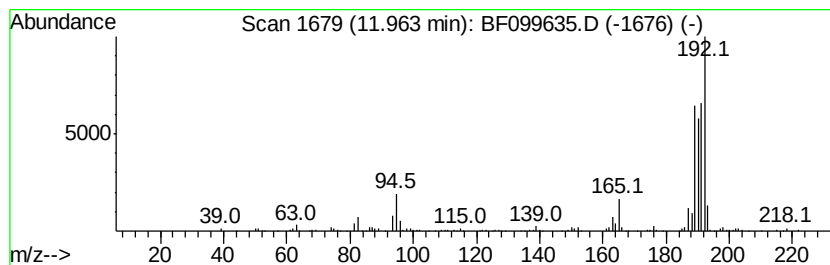
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1H-Cyclopropa[l]phenanthren... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.96	20.27 ng	514534	Phenanthrene-d10	11.35		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Cyclopropa[ll]phenanthrene,1a,...	192	C15H12	000949-41-7	55
2		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	55
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	53
4		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101817\
Data File : BF099635.D
Acq On : 18 Oct 2017 23:33
Operator : SJ/JU
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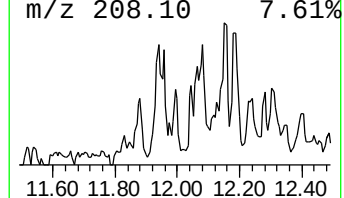
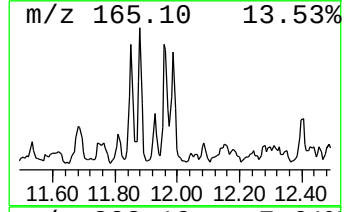
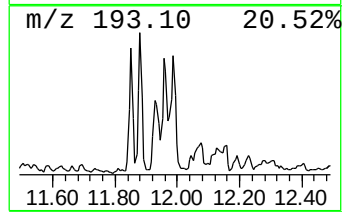
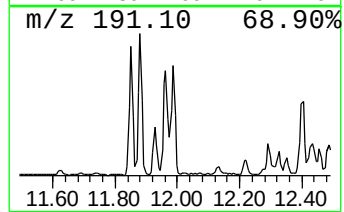
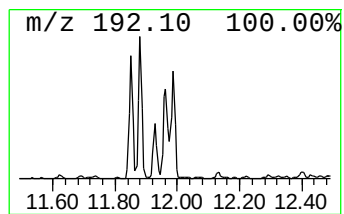
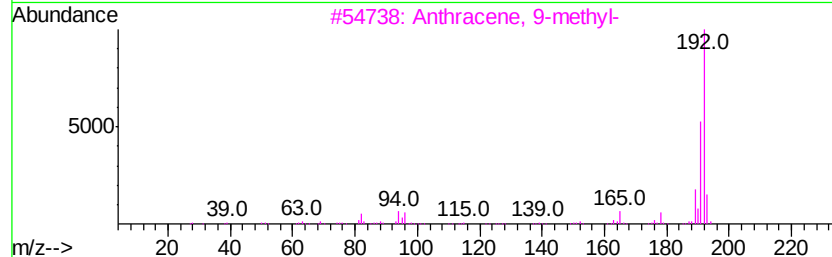
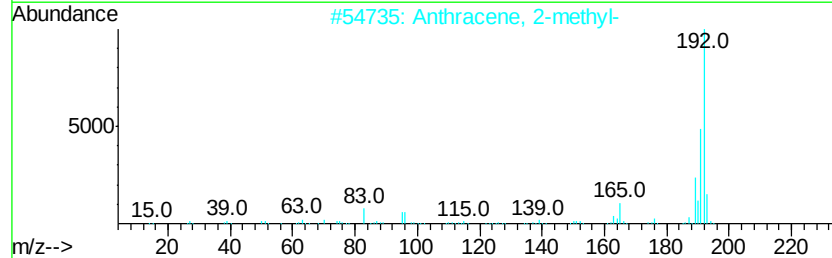
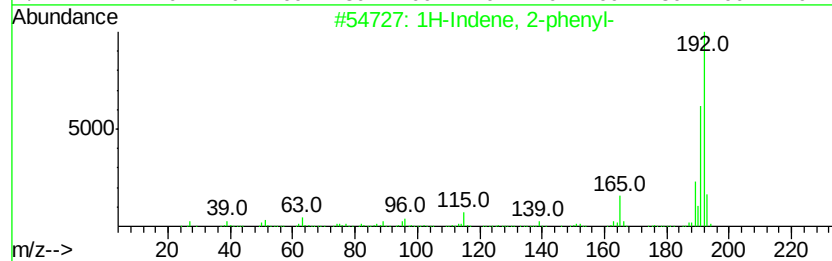
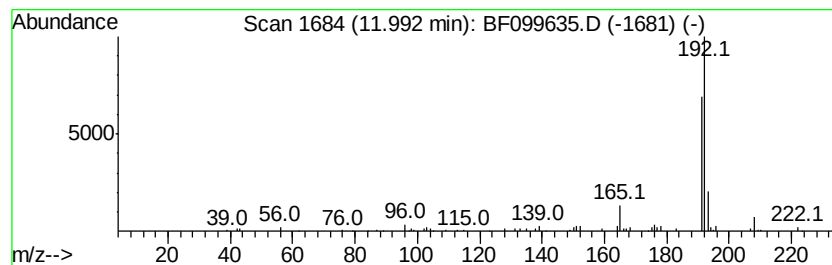
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1H-Indene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	13.16 ng	334040	Phenanthrene-d10	11.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
4		Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	87
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
Data File : BF099635.D
Acq On : 18 Oct 2017 23:33
Operator : SJ/JU
Sample : I5935-07 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

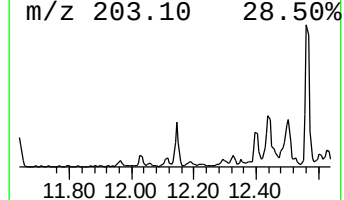
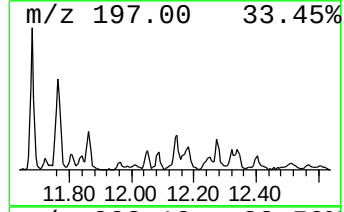
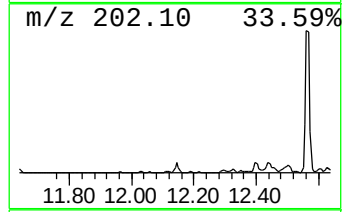
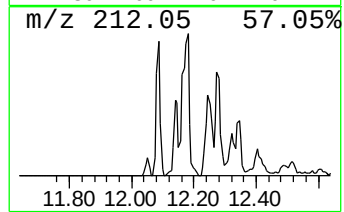
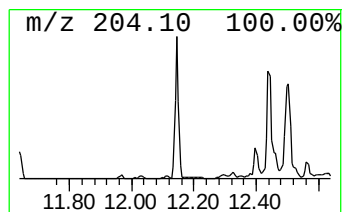
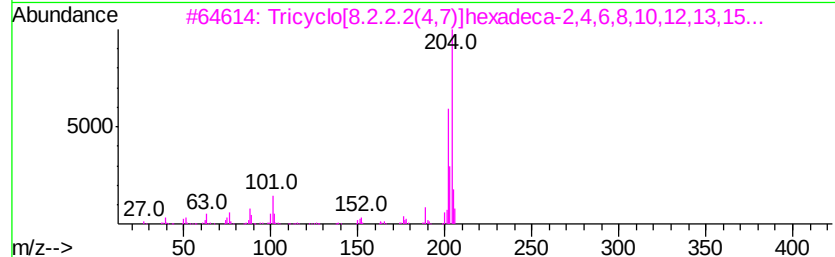
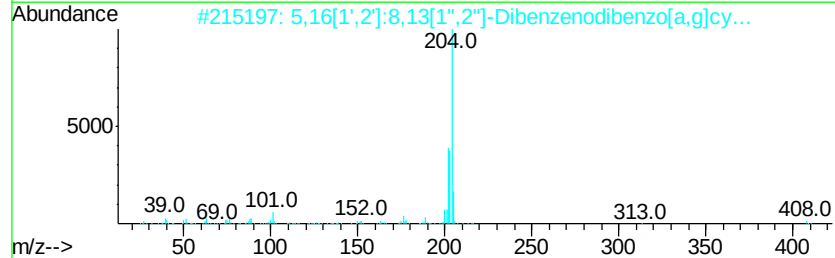
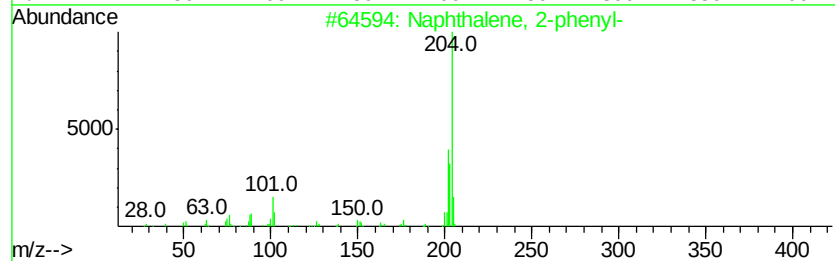
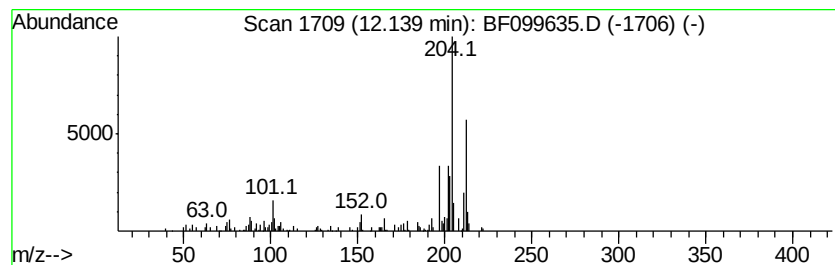
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 2-phenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.14	6.20 ng	157388	Phenanthrene-d10	11.35	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	91
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	64
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	55
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	53
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	46



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
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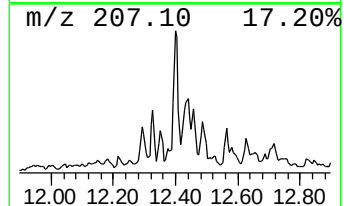
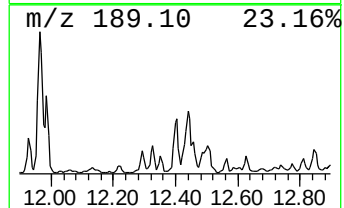
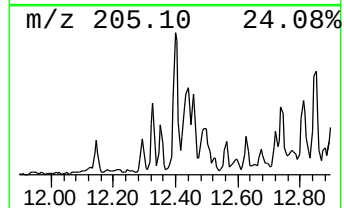
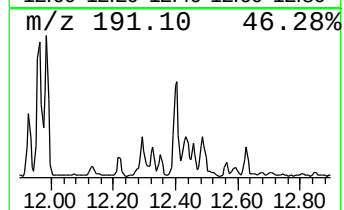
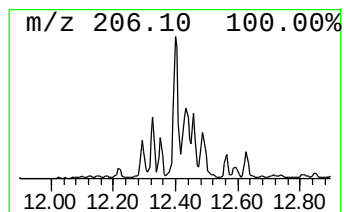
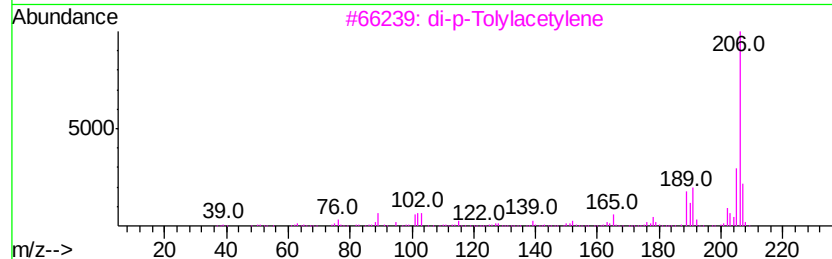
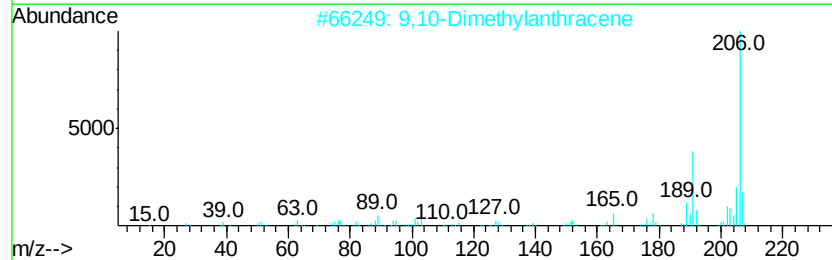
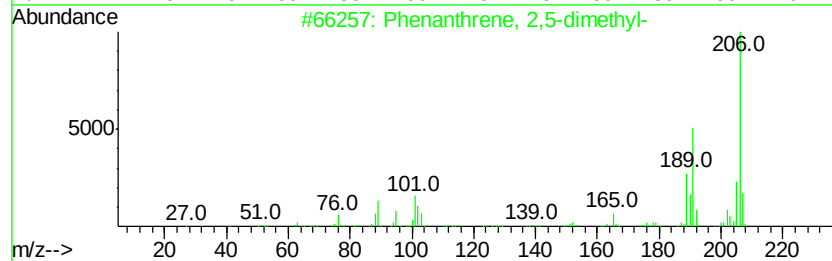
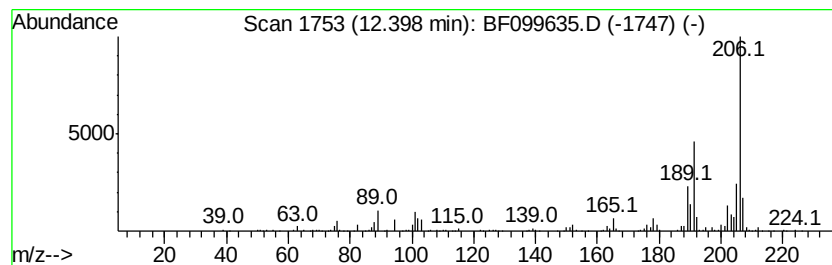
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	19.35 ng	491101	Phenanthrene-d10	11.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2		9,10-Dimethylantracene	206	C16H14	000781-43-1	96
3		di-p-Tolylacetylene	206	C16H14	002789-88-0	95
4		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	94
5		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
Data File : BF099635.D
Acq On : 18 Oct 2017 23:33
Operator : SJ/JU
Sample : I5935-07 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CL-02-101617-C

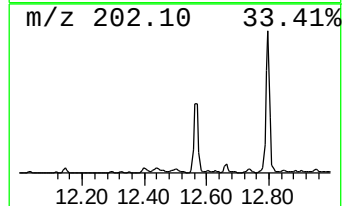
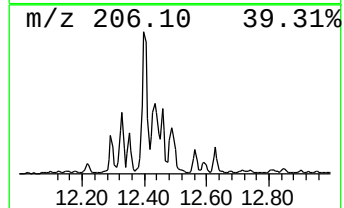
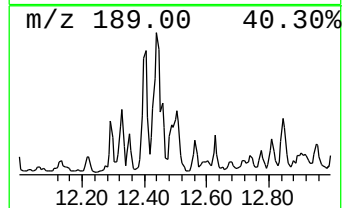
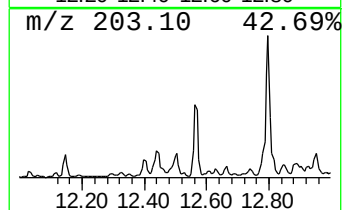
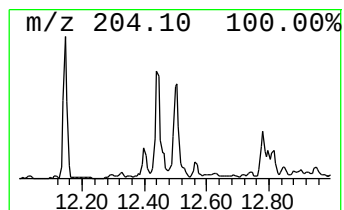
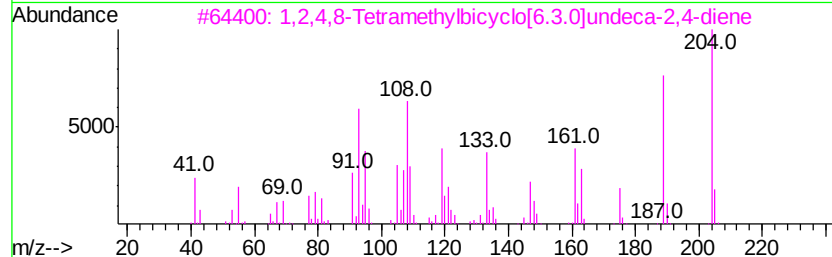
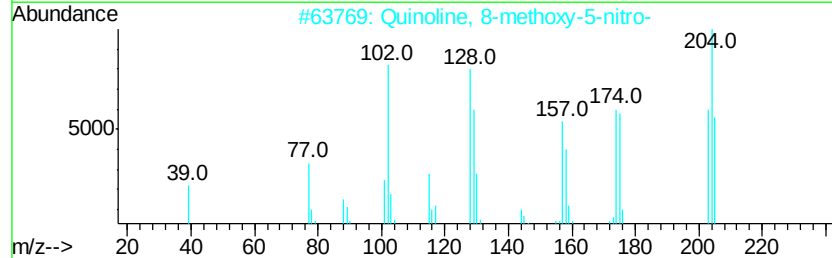
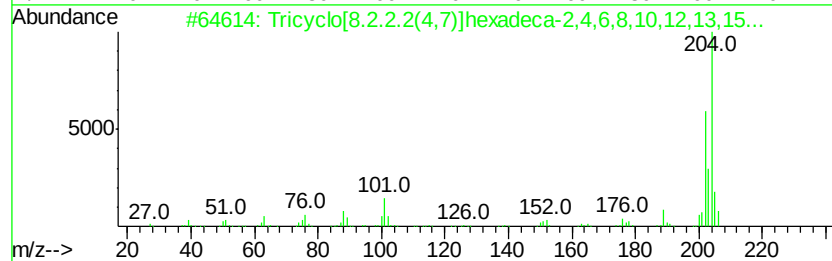
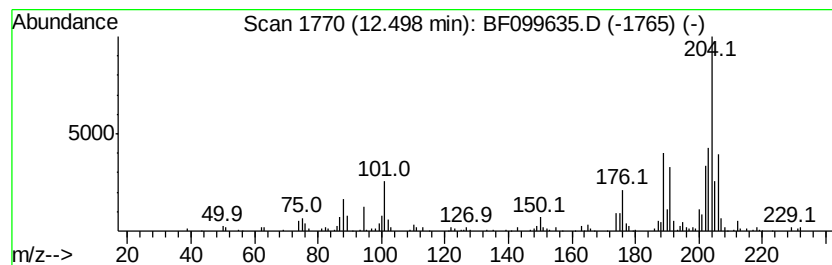
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown12.50 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	13.61 ng	345471	Phenanthrene-d10	11.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	49
2		Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	46
3		1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	46
4		Pyrimidine, 2-chloro-4-methyl-6-	204	C11H9ClN2	032785-40-3	46
5		5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
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Operator : SJ/JU
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Misc :
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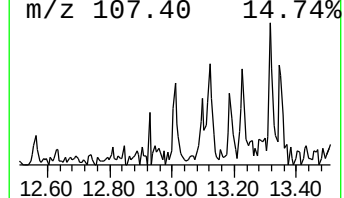
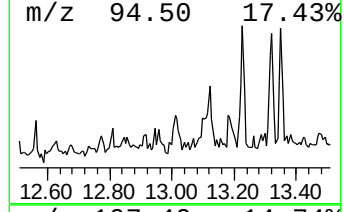
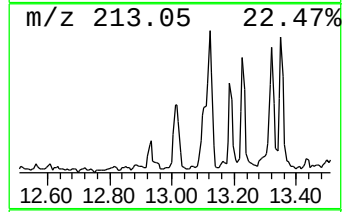
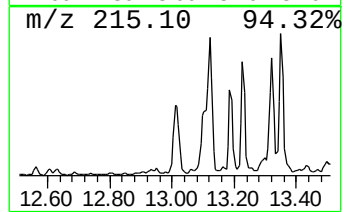
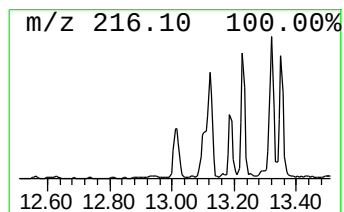
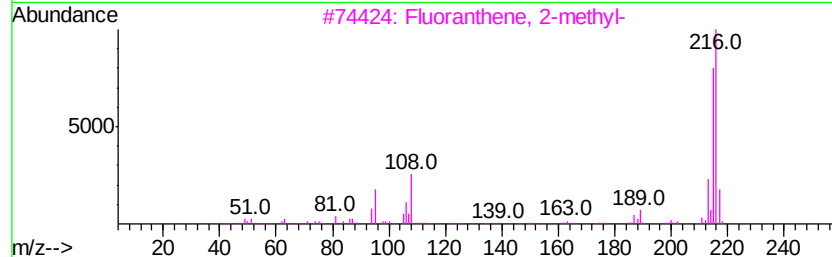
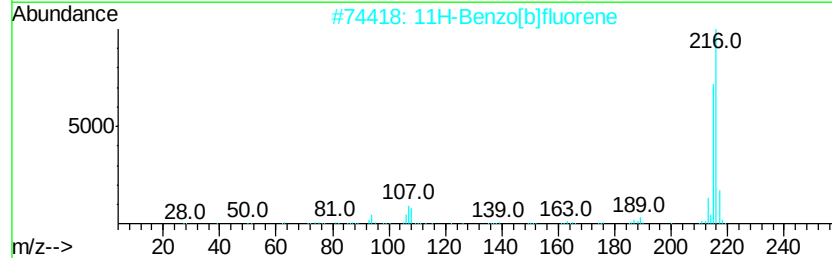
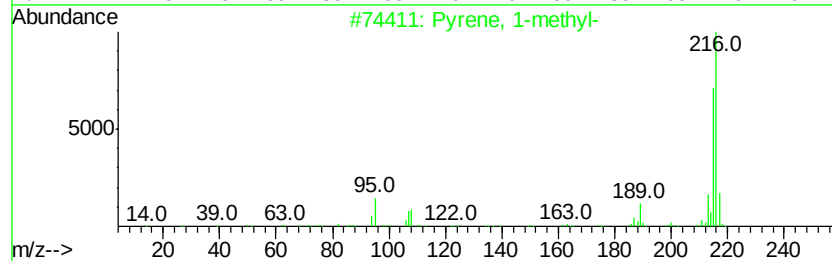
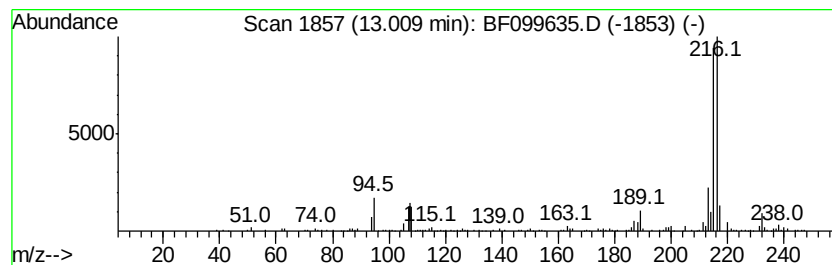
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.01	6.09 ng	298595	Chrysene-d12	14.00	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	80
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101817\
 Data File : BF099635.D
 Acq On : 18 Oct 2017 23:33
 Operator : SJ/JU
 Sample : I5935-07 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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...	5.04	6.2	ng	155212	1	6.83	502334	20.0
unknown6.60	6.60	38.0	ng	953858	1	6.83	502334	20.0
Naphthalene, 1-me...	8.92	11.2	ng	340962	2	8.11	609396	20.0
Naphthalene, 2,6-...	9.45	8.6	ng	231219	3	9.86	536922	20.0
Naphthalene, 2,3-...	9.52	11.8	ng	316456	3	9.86	536922	20.0
9H-Fluorene, 1-me...	10.96	8.6	ng	216925	4	11.35	507714	20.0
Dibenzothiophene,...	11.68	6.4	ng	161900	4	11.35	507714	20.0
Phenanthrene, 2-m...	11.85	15.5	ng	392914	4	11.35	507714	20.0
1H-Cyclopropa[l]p...	11.96	20.3	ng	514534	4	11.35	507714	20.0
1H-Indene, 2-phenyl-	11.99	13.2	ng	334040	4	11.35	507714	20.0
Naphthalene, 2-ph...	12.14	6.2	ng	157388	4	11.35	507714	20.0
Phenanthrene, 2,5...	12.40	19.4	ng	491101	4	11.35	507714	20.0
unknown12.50	12.50	13.6	ng	345471	4	11.35	507714	20.0
Pyrene, 1-methyl-	13.01	6.1	ng	298595	5	14.00	981317	20.0