

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093017\
 Data File : BF098981.D
 Acq On : 30 Sep 2017 23:49
 Operator : SJ/JU
 Sample : I5563-03 50X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NYSEG-PH4-SB-ESMI-3

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	6.516	749	753	759	rBV2	142354	163442	2.29%	0.191%
2	6.739	788	791	795	rBV2	405653	373036	5.23%	0.436%
3	6.916	817	821	824	rBV	813721	662068	9.29%	0.774%
4	7.175	860	865	871	rBV	677661	575214	8.07%	0.673%
5	7.616	934	940	943	rBV	173016	178290	2.50%	0.209%
6	7.945	991	996	999	rBV2	349786	411479	5.77%	0.481%
7	7.981	999	1002	1004	rBV	267646	270188	3.79%	0.316%
8	8.233	1036	1045	1048	rBV2	5260640	7127274	100.00%	8.335%
9	8.275	1048	1052	1054	rBV	340768	289107	4.06%	0.338%
10	8.916	1156	1161	1164	rVV	3743689	3478175	48.80%	4.068%
11	9.016	1172	1178	1181	rVV	2217636	2107267	29.57%	2.464%
12	9.375	1235	1239	1242	rVB	987678	823132	11.55%	0.963%
13	9.469	1252	1255	1261	rVB	441430	419297	5.88%	0.490%
14	9.539	1261	1267	1271	rBV	814058	1139958	15.99%	1.333%
15	9.610	1275	1279	1282	rVV	1155531	1181584	16.58%	1.382%
16	9.639	1282	1284	1287	rVV	974176	736306	10.33%	0.861%
17	9.675	1287	1290	1294	rVV	353388	297598	4.18%	0.348%
18	9.727	1294	1299	1307	rVV	603370	737611	10.35%	0.863%
19	9.816	1311	1314	1320	rVB2	1350466	1150449	16.14%	1.345%
20	9.933	1331	1334	1336	rBV	461489	410256	5.76%	0.480%
21	9.957	1336	1338	1340	rVV	746860	615422	8.63%	0.720%
22	9.992	1340	1344	1347	rVV	3347177	2912765	40.87%	3.406%
23	10.051	1351	1354	1359	rVB2	108066	165125	2.32%	0.193%
24	10.163	1368	1373	1376	rVV	2161965	2056599	28.86%	2.405%
25	10.192	1376	1378	1382	rVB	298885	228447	3.21%	0.267%
26	10.263	1386	1390	1394	rBV2	393133	490744	6.89%	0.574%
27	10.298	1394	1396	1401	rVB2	278540	283320	3.98%	0.331%
28	10.357	1401	1406	1408	rBV2	232875	367567	5.16%	0.430%
29	10.410	1412	1415	1417	rBV	418214	353669	4.96%	0.414%
30	10.451	1417	1422	1424	rVV2	168368	200319	2.81%	0.234%
31	10.474	1424	1426	1428	rVV	307031	244816	3.43%	0.286%
32	10.510	1428	1432	1436	rVB	2720044	2789881	39.14%	3.263%
33	10.610	1447	1449	1452	rVV2	320667	332002	4.66%	0.388%
34	10.657	1452	1457	1460	rVV	616722	627635	8.81%	0.734%

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 Integrator: RTE
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 Sampling : 1
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 Stop Thrs : 0

Filtering: 5
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 Max Peaks: 100
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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

35	10.686	1460	1462	1465	rVV	205712	160885	2.26%	0.188%
36	10.739	1465	1471	1475	rVB2	768440	1289798	18.10%	1.508%
37	11.051	1519	1524	1526	rVV	498788	537367	7.54%	0.628%
38	11.074	1526	1528	1531	rVB	222936	197754	2.77%	0.231%
39	11.133	1535	1538	1542	rBV	286582	273049	3.83%	0.319%
40	11.174	1542	1545	1547	rVV2	200717	211944	2.97%	0.248%
41	11.198	1547	1549	1551	rVV	230749	207322	2.91%	0.242%
42	11.251	1555	1558	1561	rVV	256192	252002	3.54%	0.295%
43	11.286	1561	1564	1568	rVV2	246761	281794	3.95%	0.330%
44	11.339	1568	1573	1578	rVB2	581173	648719	9.10%	0.759%
45	11.445	1587	1591	1592	rBV	600069	568516	7.98%	0.665%
46	11.480	1592	1597	1600	rVV	4890770	6141616	86.17%	7.182%
47	11.527	1600	1605	1607	rVV	2943709	2614032	36.68%	3.057%
48	11.551	1607	1609	1615	rVV	299530	346994	4.87%	0.406%
49	11.674	1627	1630	1632	rVV	592895	583538	8.19%	0.682%
50	11.733	1636	1640	1644	rVV4	219140	331572	4.65%	0.388%
51	11.780	1645	1648	1651	rVV3	113618	192437	2.70%	0.225%
52	11.816	1651	1654	1657	rVV	182243	208520	2.93%	0.244%
53	11.945	1670	1676	1678	rBV	937814	857306	12.03%	1.003%
54	11.974	1678	1681	1685	rVB	1329934	1128156	15.83%	1.319%
55	12.021	1685	1689	1692	rBV	793782	705391	9.90%	0.825%
56	12.063	1692	1696	1698	rVV	1663546	1812863	25.44%	2.120%
57	12.121	1702	1706	1708	rVV3	147352	194635	2.73%	0.228%
58	12.204	1716	1720	1723	rVV3	102091	189550	2.66%	0.222%
59	12.239	1723	1726	1729	rVB	652186	549231	7.71%	0.642%
60	12.492	1763	1769	1772	rBV2	375467	519845	7.29%	0.608%
61	12.533	1772	1776	1778	rVV	309548	383265	5.38%	0.448%
62	12.668	1794	1799	1802	rBV	3964317	4284382	60.11%	5.010%
63	12.757	1810	1814	1816	rBV	917576	803810	11.28%	0.940%
64	12.898	1830	1838	1842	rBV2	3439266	4554567	63.90%	5.326%
65	12.939	1842	1845	1849	rVB2	324346	394084	5.53%	0.461%
66	13.004	1852	1856	1861	rBV	400715	458177	6.43%	0.536%
67	13.045	1861	1863	1867	rVB	250870	230162	3.23%	0.269%
68	13.098	1868	1872	1876	rBV3	368414	612842	8.60%	0.717%
69	13.192	1884	1888	1889	rVV4	295569	380934	5.34%	0.445%
70	13.215	1889	1892	1895	rVB	1141883	1058083	14.85%	1.237%
71	13.280	1900	1903	1906	rVV	1068426	1060447	14.88%	1.240%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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72	13.321	1906	1910	1913	rVV2	544557	663109	9.30%	0.775%
73	13.386	1917	1921	1923	rBV2	436483	492041	6.90%	0.575%
74	13.415	1923	1926	1928	rVV	313485	345360	4.85%	0.404%
75	13.445	1928	1931	1937	rVB2	381383	476563	6.69%	0.557%
76	13.692	1970	1973	1977	rBV2	179381	248812	3.49%	0.291%
77	13.839	1995	1998	2000	rVV2	152866	200804	2.82%	0.235%
78	13.862	2000	2002	2004	rVV	439471	357369	5.01%	0.418%
79	13.886	2004	2006	2014	rVB3	246986	378590	5.31%	0.443%
80	14.080	2032	2039	2043	rVV3	2342283	3209010	45.02%	3.753%
81	14.115	2043	2045	2052	rVV	1760077	1555185	21.82%	1.819%
82	14.192	2056	2058	2062	rVV	293458	283988	3.98%	0.332%
83	14.227	2062	2064	2068	rVV	175379	173904	2.44%	0.203%
84	14.310	2074	2078	2082	rBV2	230328	301173	4.23%	0.352%
85	14.433	2091	2099	2101	rBV3	158984	342361	4.80%	0.400%
86	14.468	2102	2105	2108	rVV	458692	521633	7.32%	0.610%
87	14.504	2108	2111	2114	rVV	229521	237186	3.33%	0.277%
88	14.551	2115	2119	2120	rVV4	120641	173364	2.43%	0.203%
89	14.568	2120	2122	2124	rVV	266461	244426	3.43%	0.286%
90	14.598	2124	2127	2128	rVV	239819	225316	3.16%	0.263%
91	14.615	2128	2130	2134	rVV2	294289	347950	4.88%	0.407%
92	15.145	2215	2220	2223	rBV	780158	1389951	19.50%	1.625%
93	15.251	2234	2238	2242	rVB	314486	359145	5.04%	0.420%
94	15.457	2268	2273	2279	rVB	440675	629314	8.83%	0.736%
95	15.521	2279	2284	2289	rBV	855794	1086880	15.25%	1.271%
96	15.580	2290	2294	2297	rVV	331604	430321	6.04%	0.503%
97	15.615	2297	2300	2306	rVB2	226609	321479	4.51%	0.376%
98	17.092	2545	2551	2560	rVB2	261804	533106	7.48%	0.623%
99	17.556	2624	2630	2640	rVB	170037	358762	5.03%	0.420%
100	17.798	2666	2671	2682	rVB	89849	197299	2.77%	0.231%

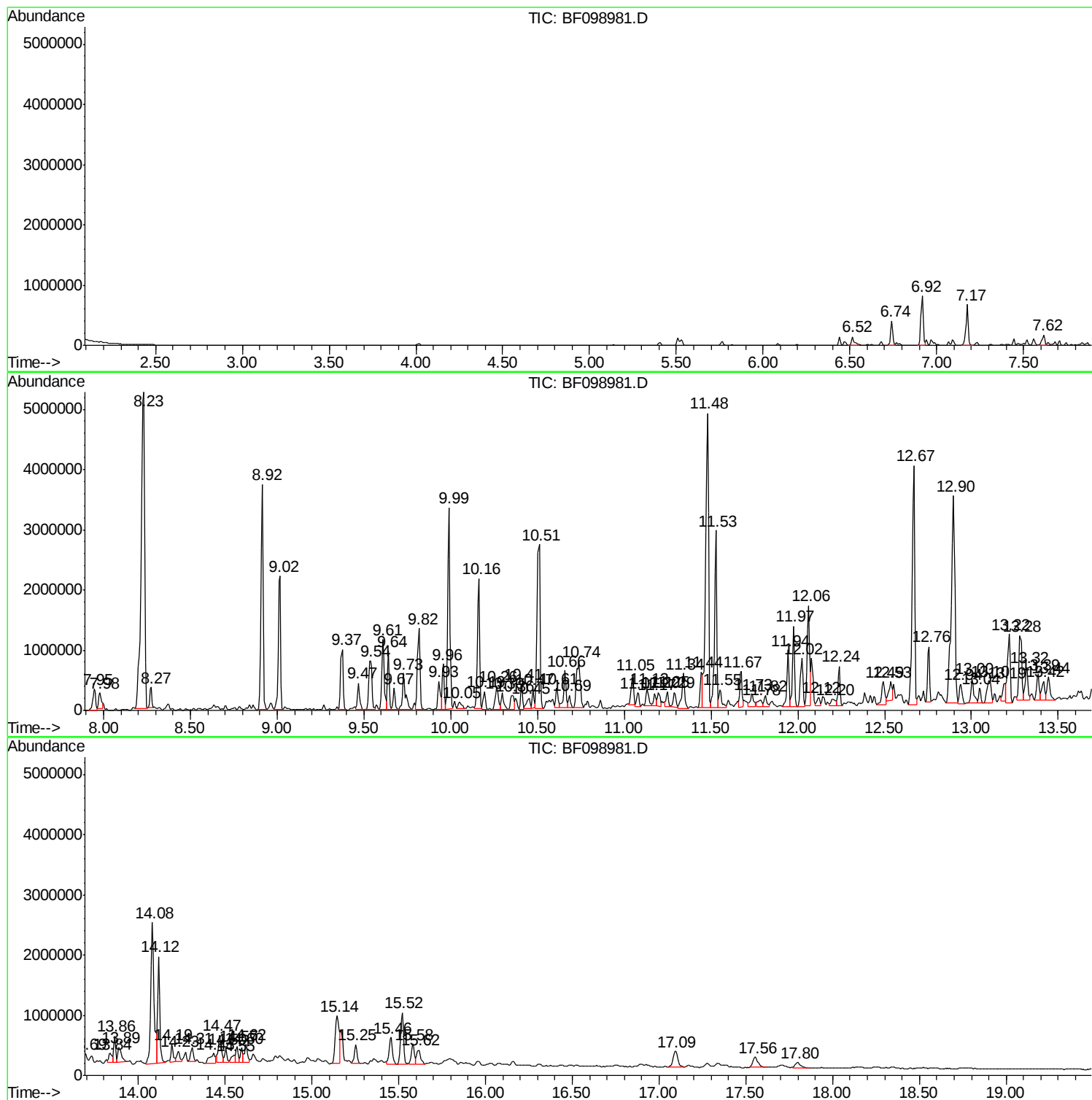
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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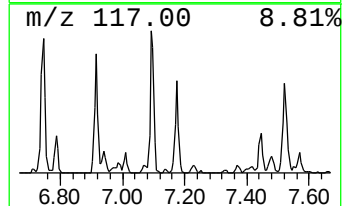
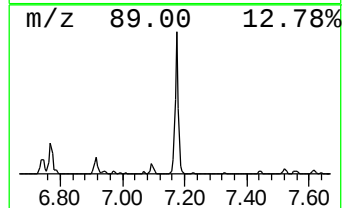
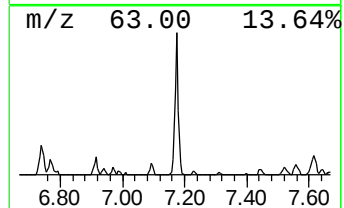
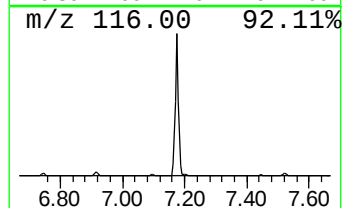
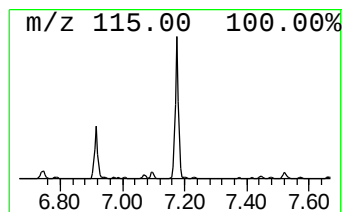
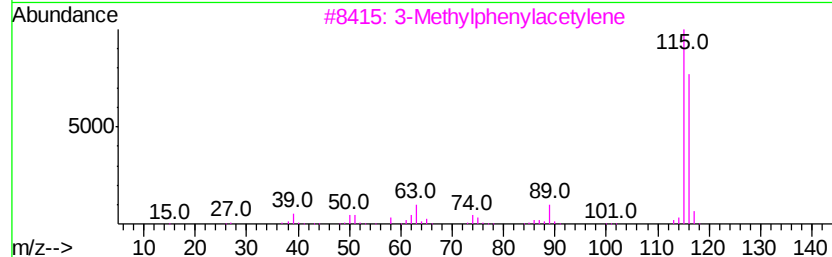
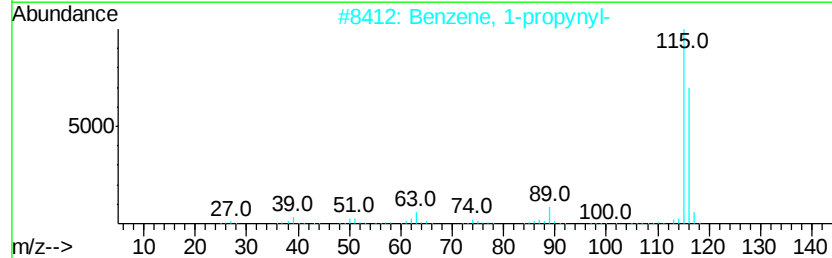
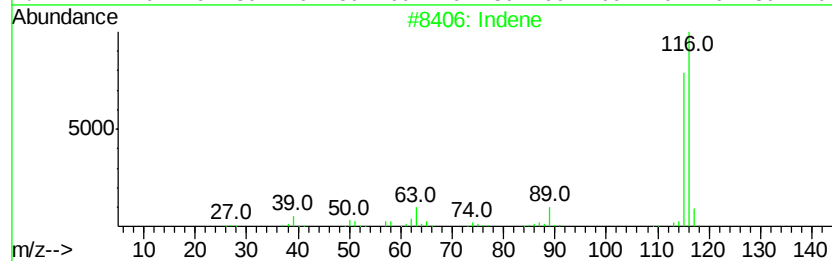
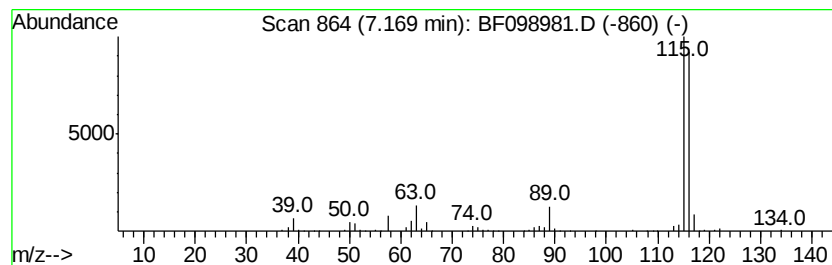
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Indene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	17.38 ng	575214	1,4-Dichlorobenzene-d4	6.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indene	116	C9H8	000095-13-6	97
2		Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
3		3-Methylphenylacetylene	116	C9H8	000766-82-5	91
4		2-Methylphenylacetylene	116	C9H8	000766-47-2	91
5		Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	90



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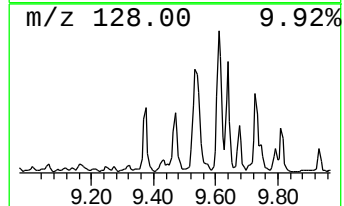
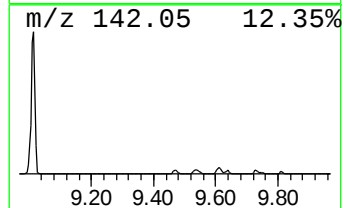
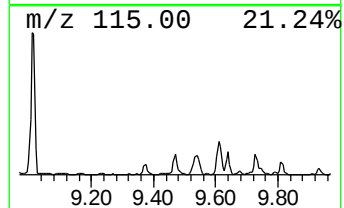
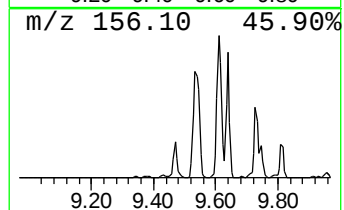
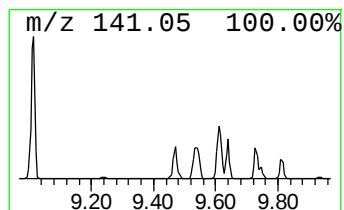
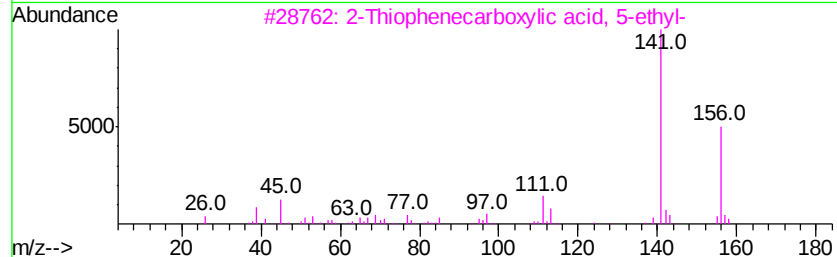
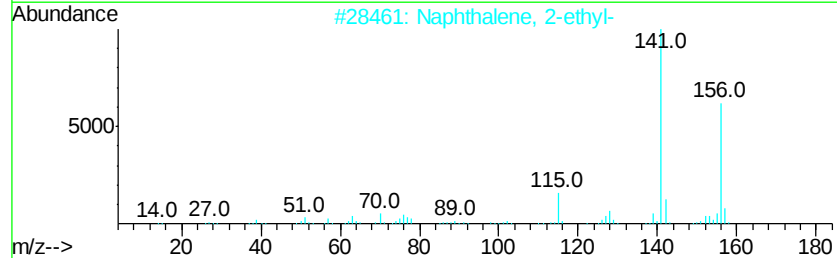
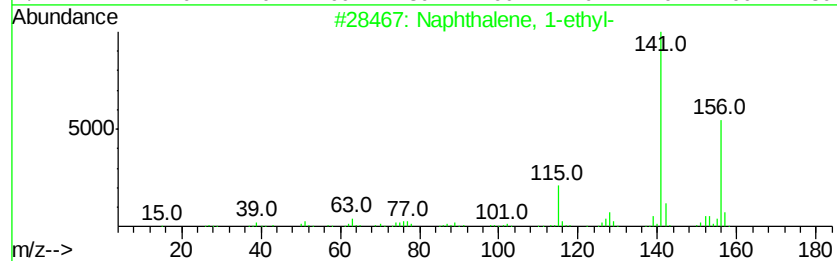
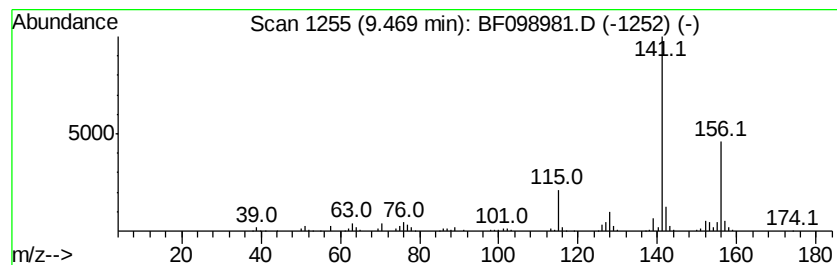
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TIC Integration Parameters: LSCINT.P

Peak Number 2 Naphthalene, 1-ethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.47	13.63 ng	419297	Acenaphthene-d10	9.96
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 96
2		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 95
3		2-Thiophenecarboxylic acid, 5-ethyl-	156 C7H8O2S	023229-72-3 64
4		2-Amino-4-tertbutylthiazole	156 C7H12N2S	074370-93-7 59
5		Naphthalene, 1-propyl-	170 C13H14	002765-18-6 53



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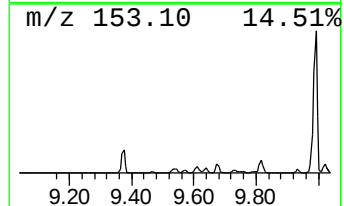
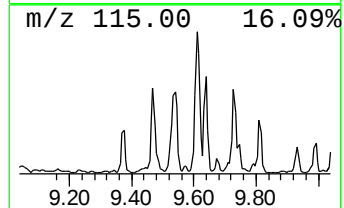
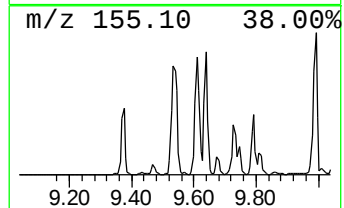
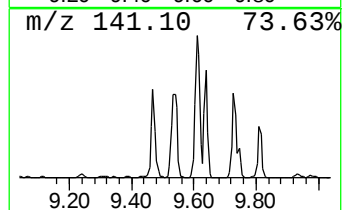
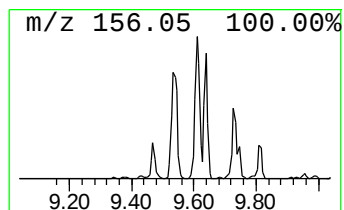
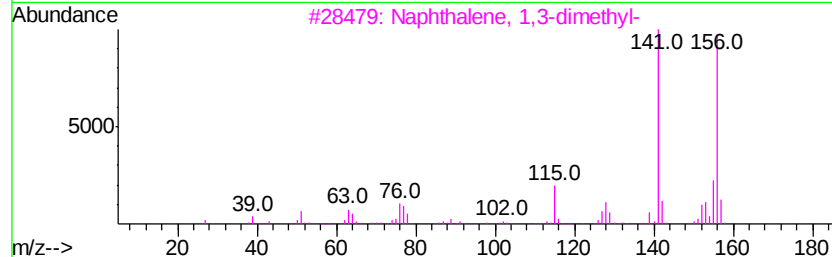
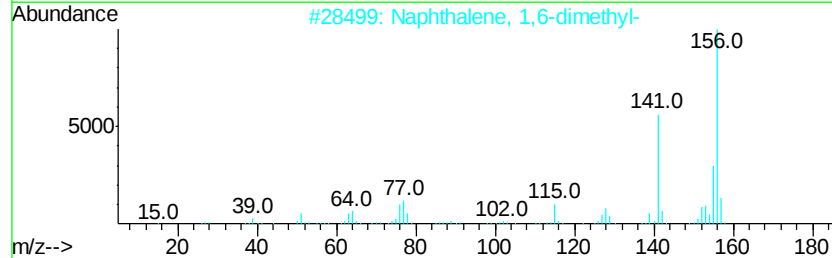
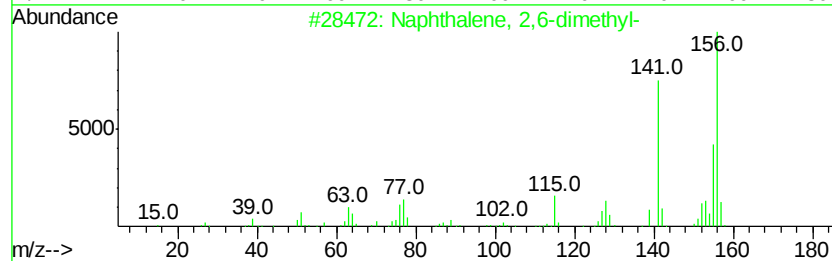
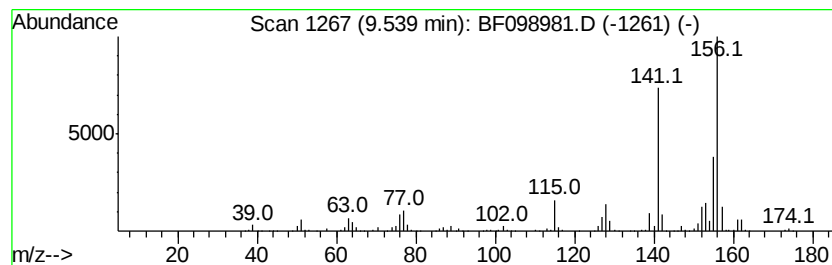
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Naphthalene, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	37.05 ng	1139960	Acenaphthene-d10	9.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96



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Operator : SJ/JU
Sample : I5563-03 50X
Misc :
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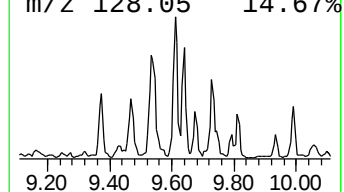
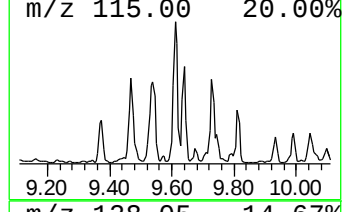
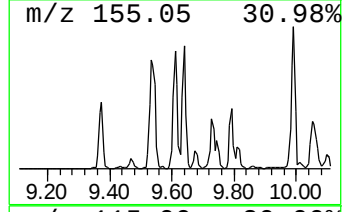
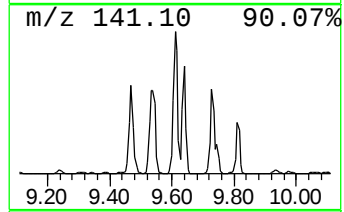
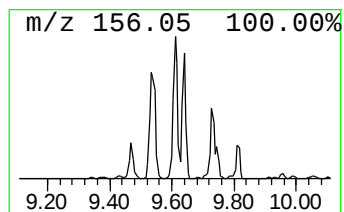
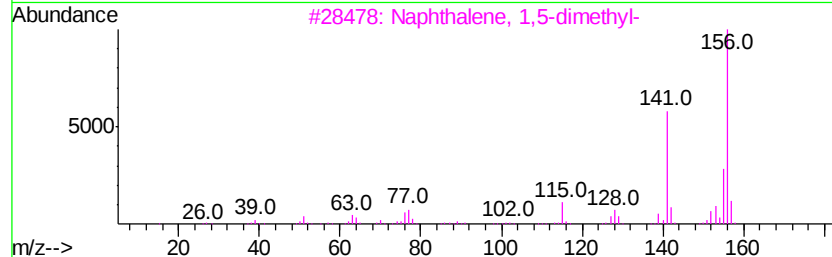
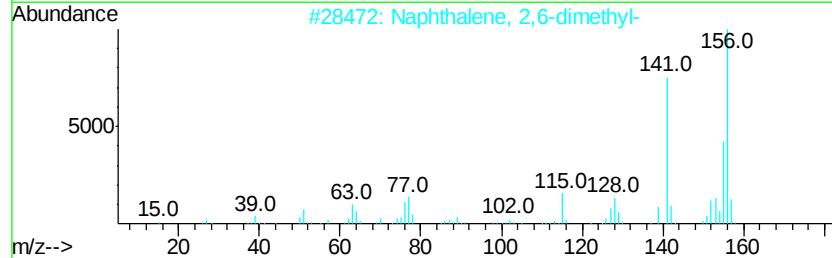
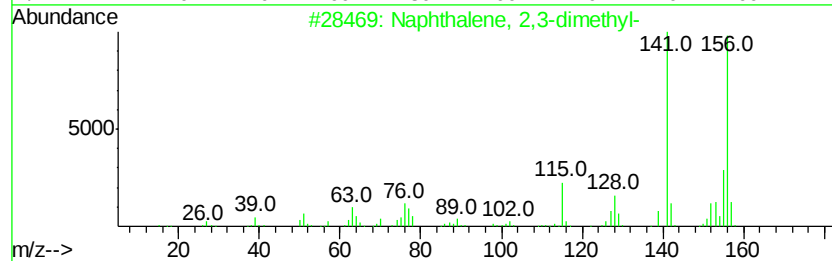
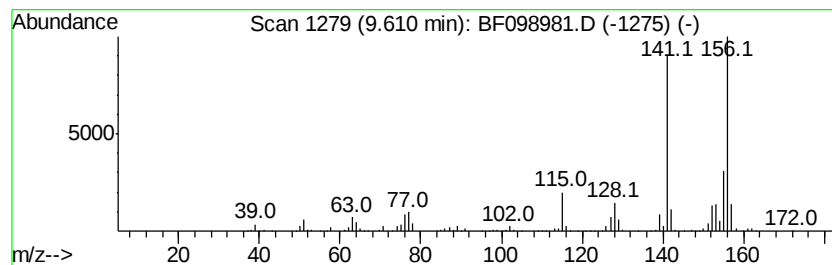
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.61	38.40 ng	1181580	Acenaphthene-d10	9.96
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 98
2		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 97
3		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 97
4		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 97
5		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 97



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093017\
Data File : BF098981.D
Acq On : 30 Sep 2017 23:49
Operator : SJ/JU
Sample : I5563-03 50X
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Instrument :
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ClientSampleId :
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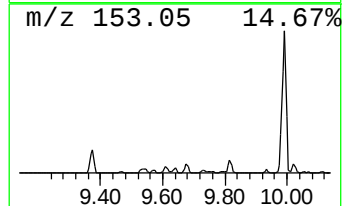
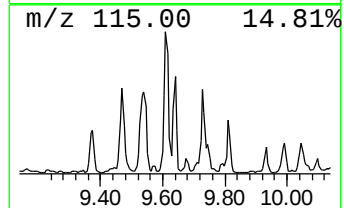
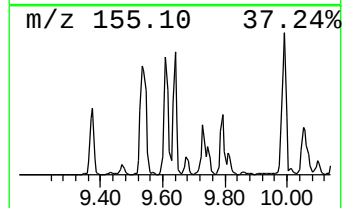
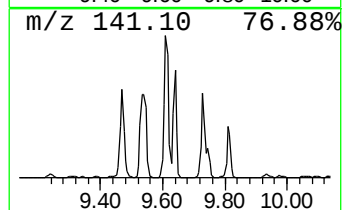
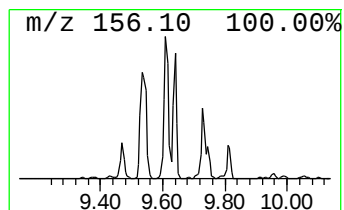
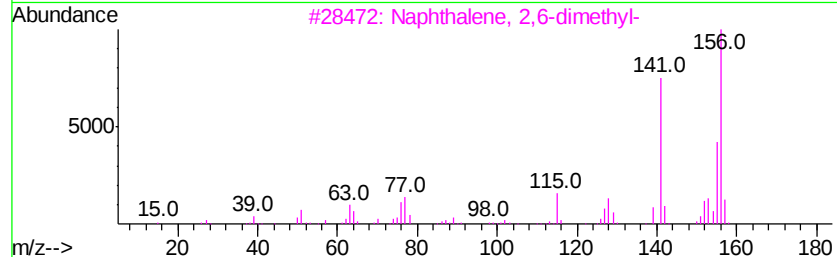
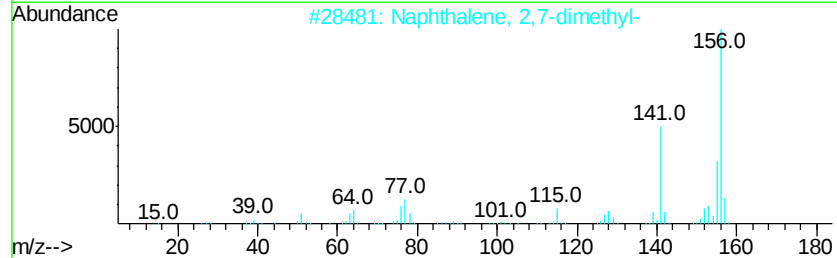
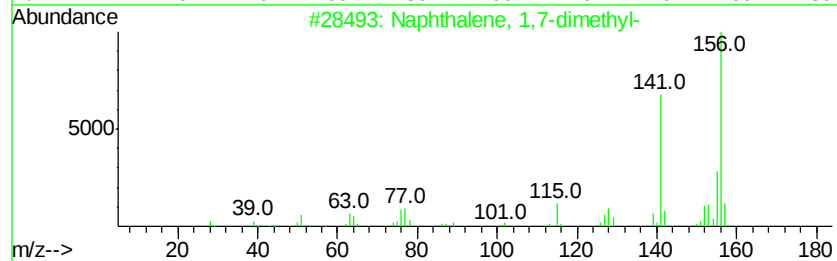
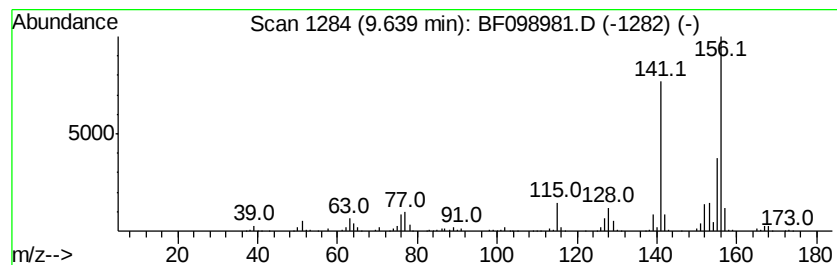
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 1,7-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.64	23.93 ng	736306	Acenaphthene-d10	9.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093017\
Data File : BF098981.D
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Operator : SJ/JU
Sample : I5563-03 50X
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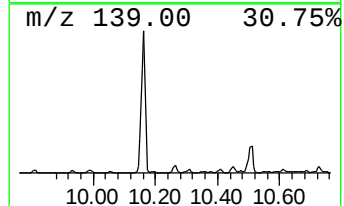
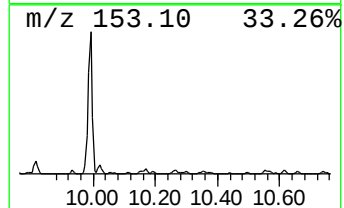
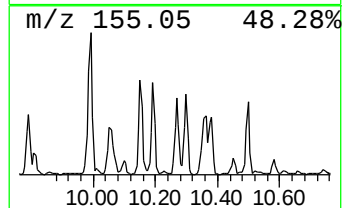
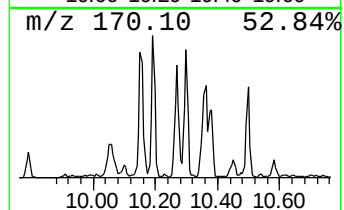
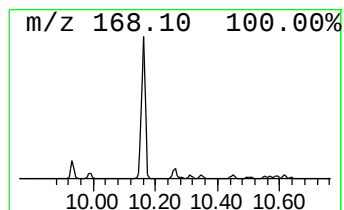
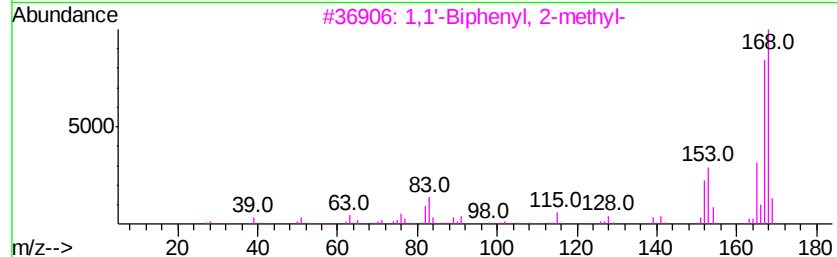
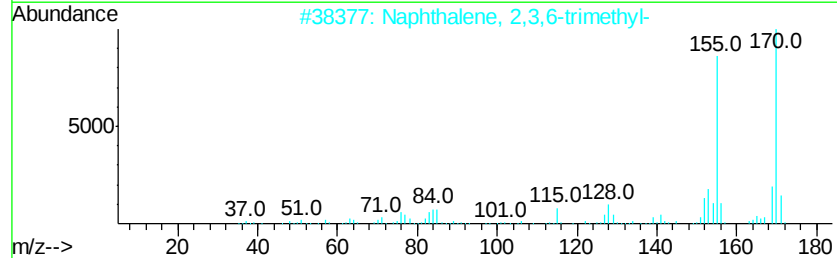
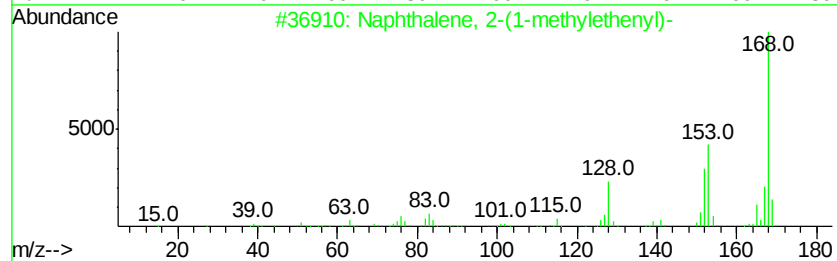
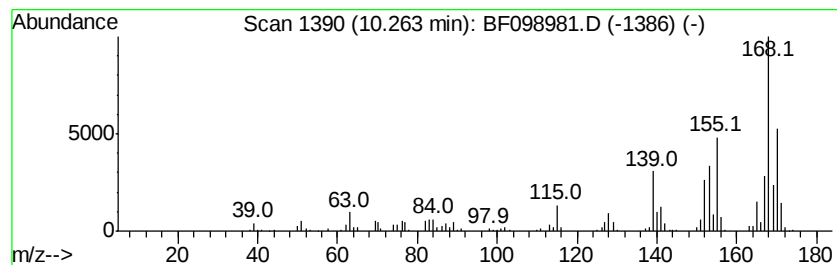
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 2-(1-methyleth... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	15.95 ng	490744	Acenaphthene-d10	9.96
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2-(1-methylethynyl)-	168 C13H12	003710-23-4 55
2		Naphthalene, 2,3,6-trimethyl-	170 C13H14	000829-26-5 38
3		1,1'-Biphenyl, 2-methyl-	168 C13H12	000643-58-3 38
4		1,1'-Biphenyl, 4-methyl-	168 C13H12	000644-08-6 35
5		1H,3H-Thieno[3,4-c]thiophene, 4,...	170 C8H10S2	015441-54-0 27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093017\
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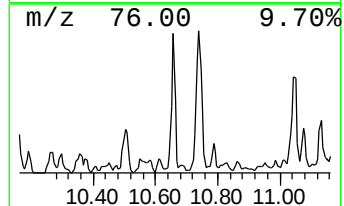
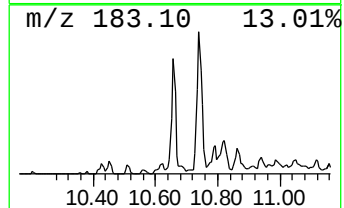
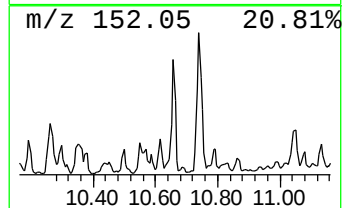
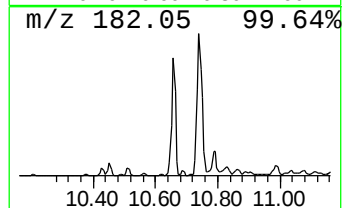
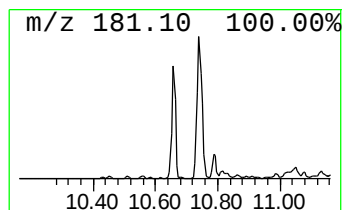
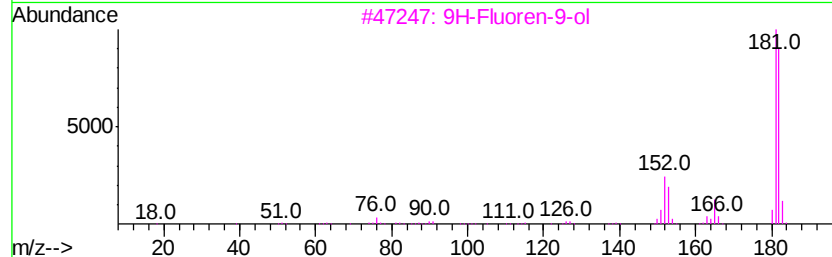
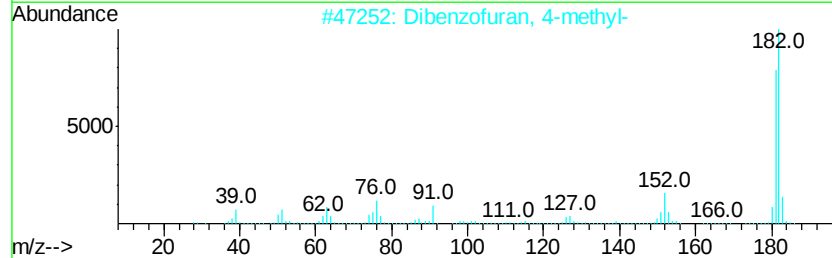
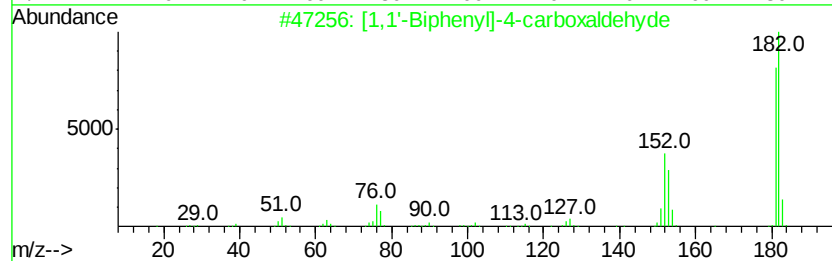
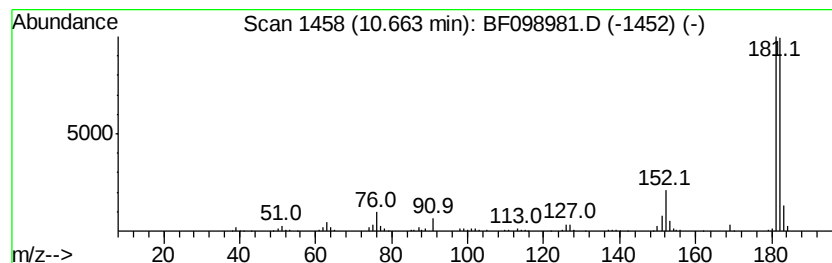
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.66	20.40 ng	627635	Acenaphthene-d10		9.96
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	87
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	2-Hydroxyfluorene	182	C13H10O	002443-58-5	74
5	Norharmene, N-methyl-	182	C12H10N2	1000374-78-6	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093017\
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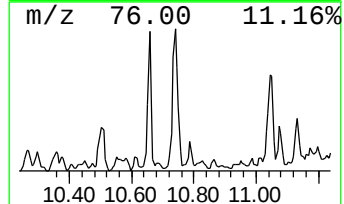
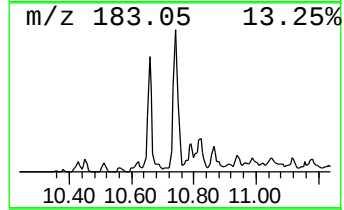
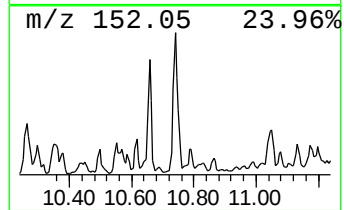
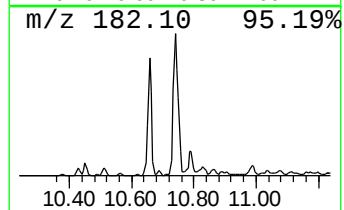
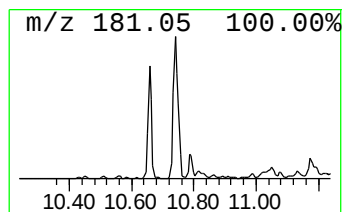
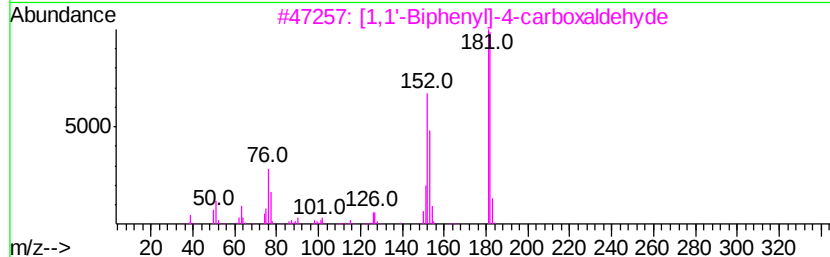
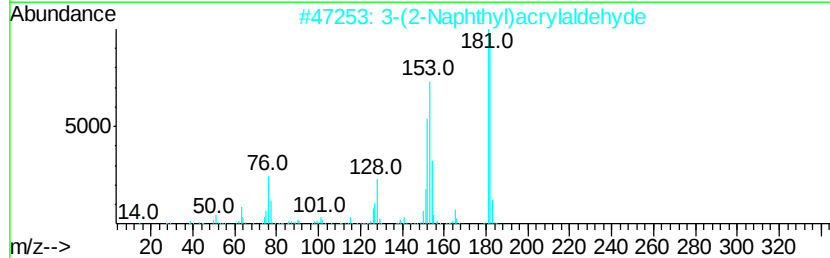
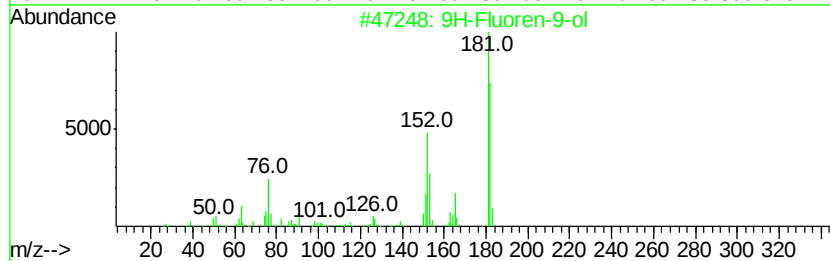
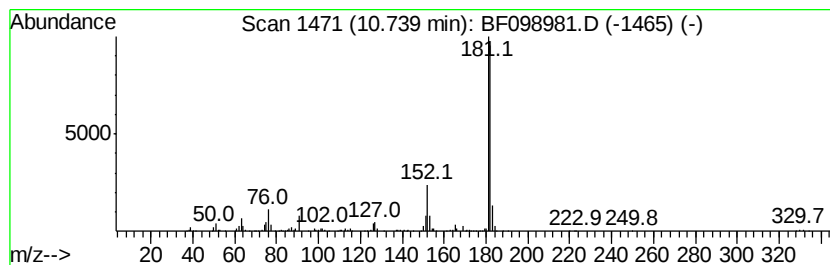
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 9H-Fluoren-9-ol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.74	45.37 ng	1289800	Phenanthrene-d10	11.45	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	87
2	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	80
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78
5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	76



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093017\
Data File : BF098981.D
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Instrument :
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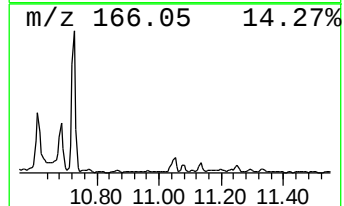
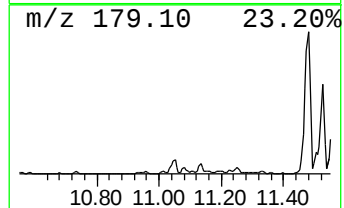
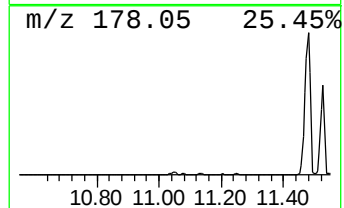
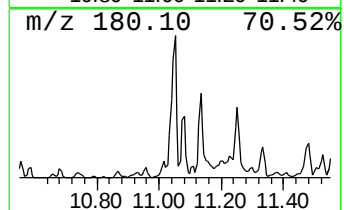
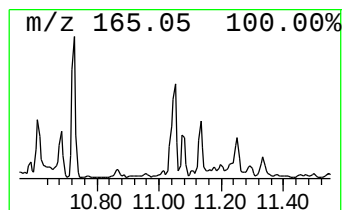
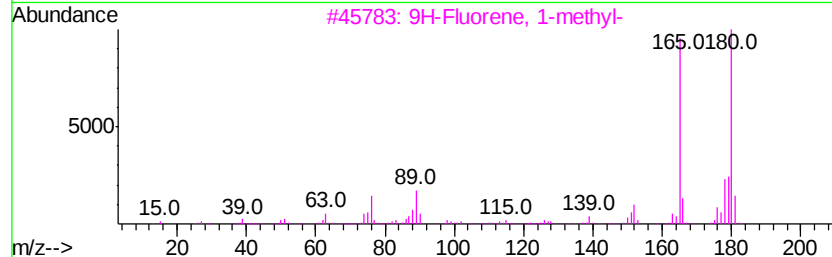
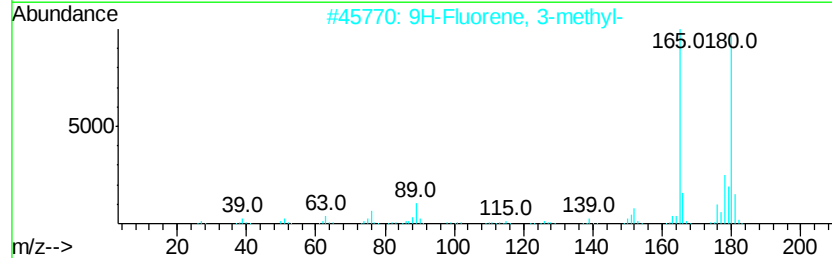
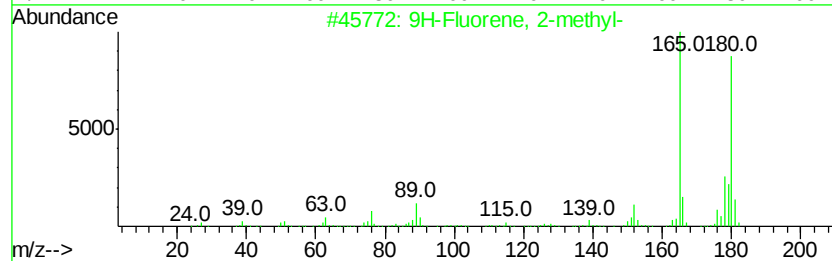
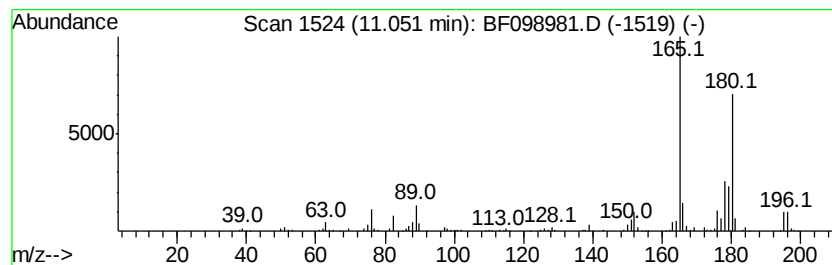
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 9H-Fluorene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	18.90 ng	537367	Phenanthrene-d10	11.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
2		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	86
3		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	76
4		(3H)Benzo[c]pyrrole, 3-methyl-3-...	208	C14H12N2	059341-20-7	74
5		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093017\
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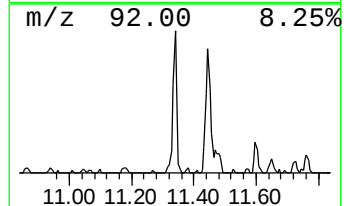
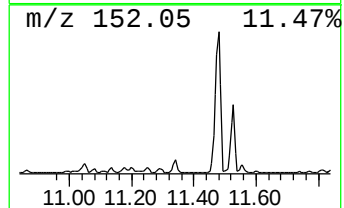
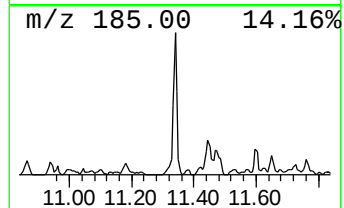
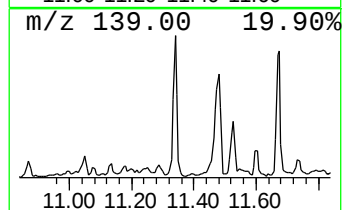
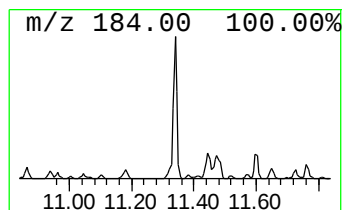
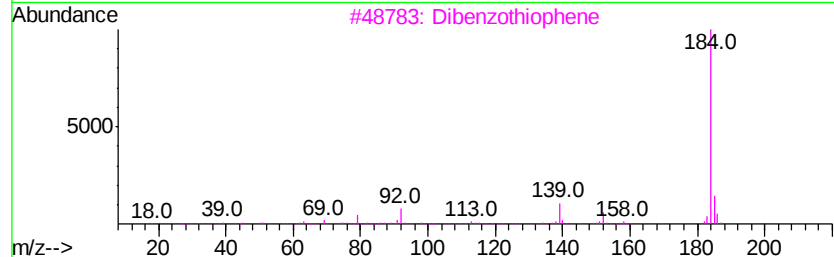
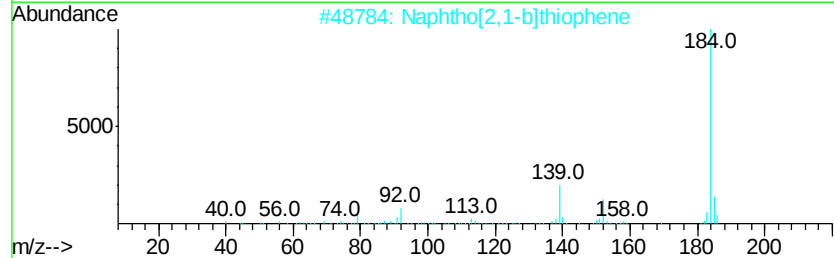
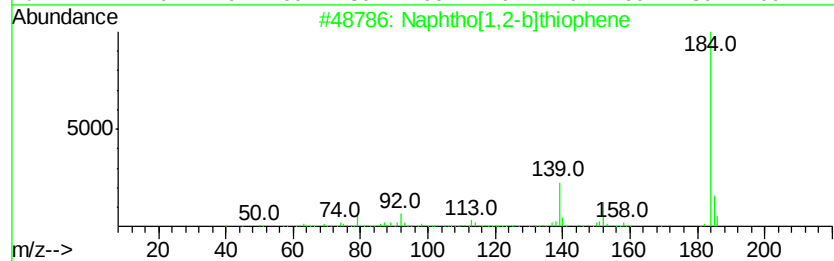
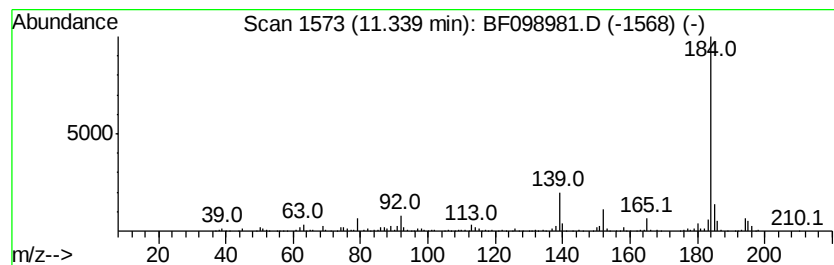
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphtho[1,2-b]thiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	22.82 ng	648719	Phenanthrene-d10	11.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	97
2		Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
3		Dibenzothiophene	184	C12H8S	000132-65-0	95
4		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
5		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	81



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093017\
Data File : BF098981.D
Acq On : 30 Sep 2017 23:49
Operator : SJ/JU
Sample : I5563-03 50X
Misc :
ALS Vial : 25 Sample Multiplier: 1

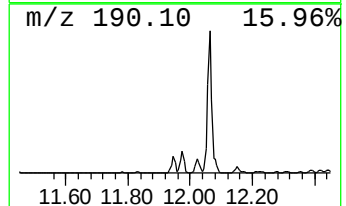
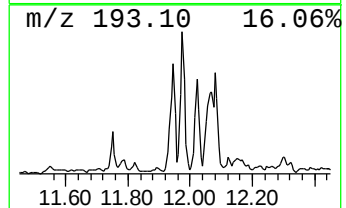
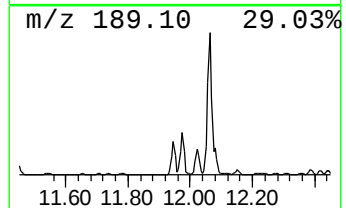
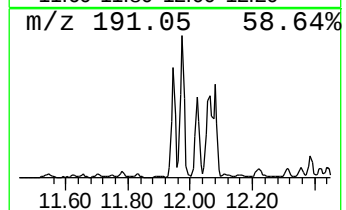
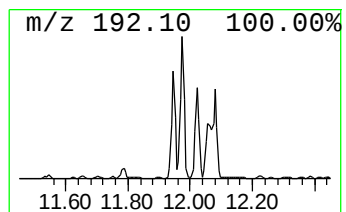
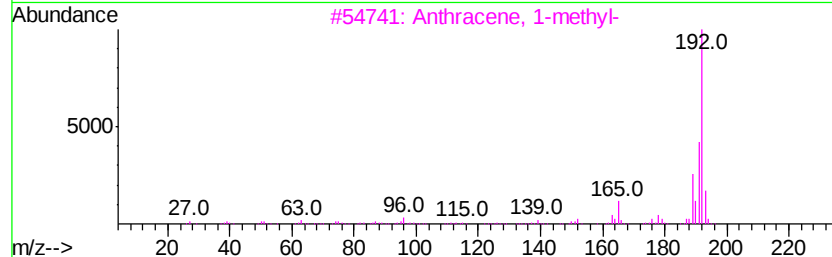
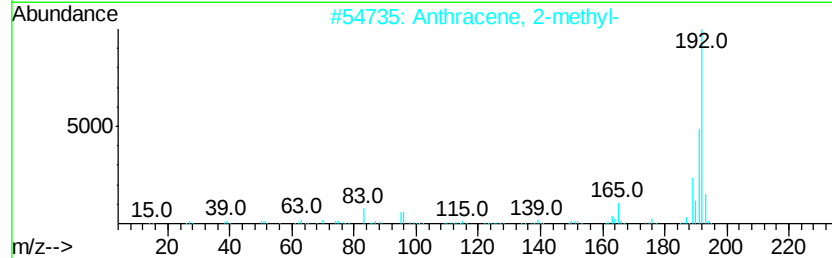
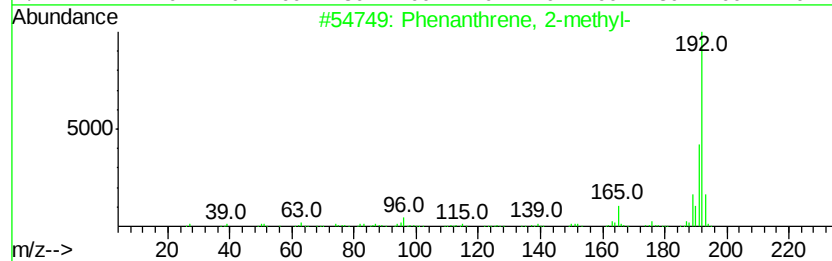
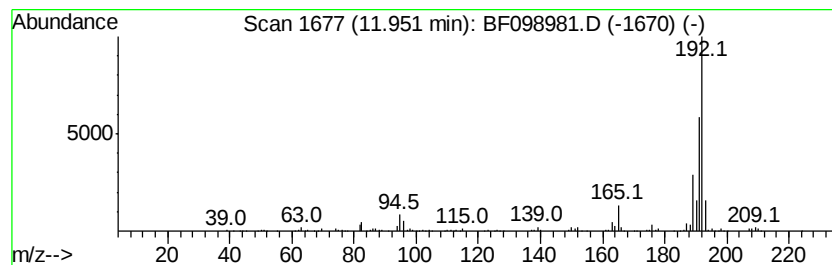
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ClientSampleId :
NYSEG-PH4-SB-ESMI-3

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 12 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.95	30.16 ng	857306	Phenanthrene-d10	11.45	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
4	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093017\
Data File : BF098981.D
Acq On : 30 Sep 2017 23:49
Operator : SJ/JU
Sample : I5563-03 50X
Misc :
ALS Vial : 25 Sample Multiplier: 1

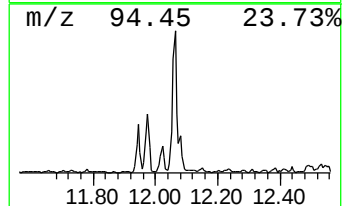
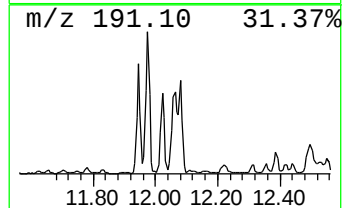
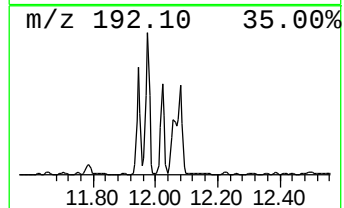
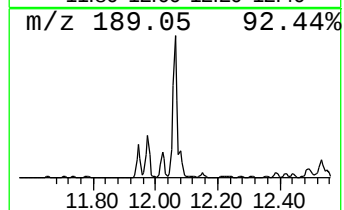
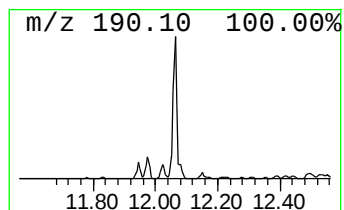
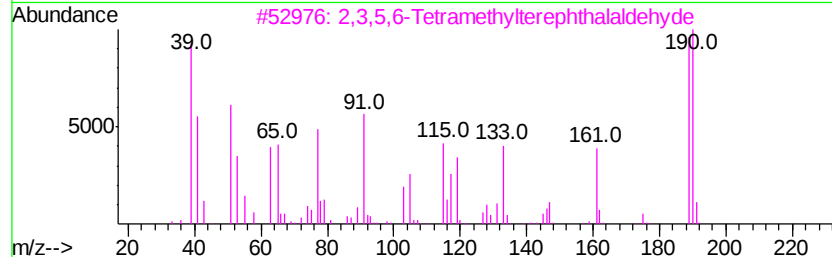
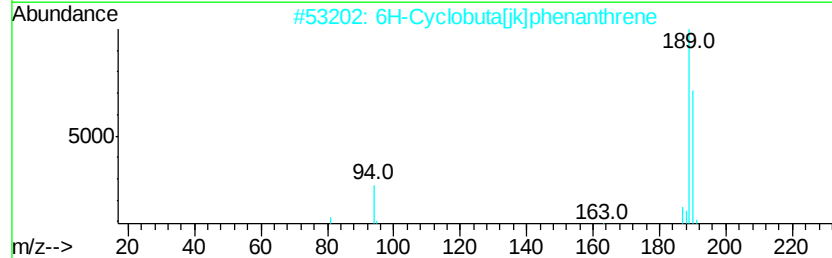
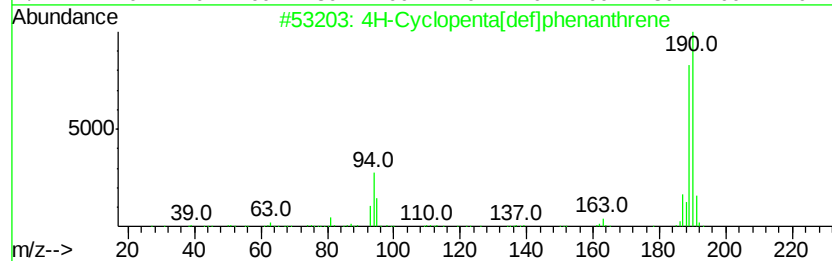
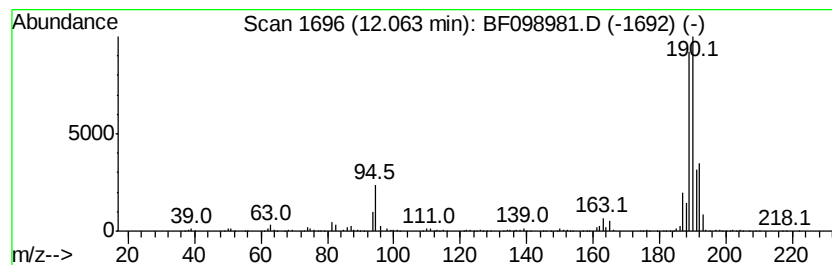
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.06	63.78 ng	1812860	Phenanthrene-d10	11.45	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	50
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	Methyl diselenide	190	C2H6Se2	007101-31-7	46
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	33



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093017\
Data File : BF098981.D
Acq On : 30 Sep 2017 23:49
Operator : SJ/JU
Sample : I5563-03 50X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NYSEG-PH4-SB-ESMI-3

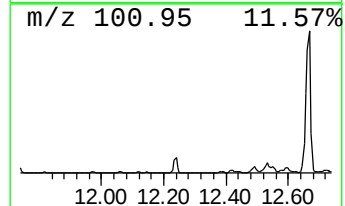
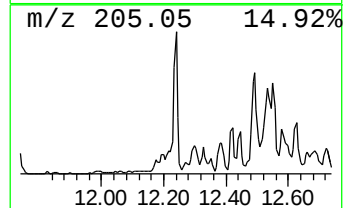
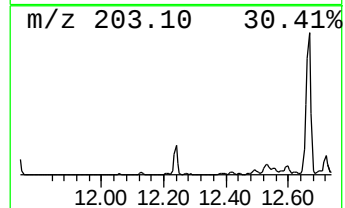
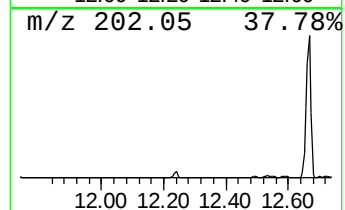
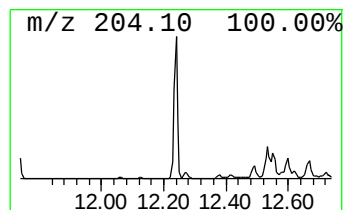
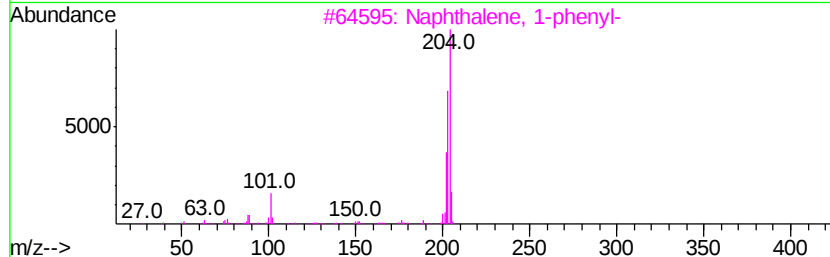
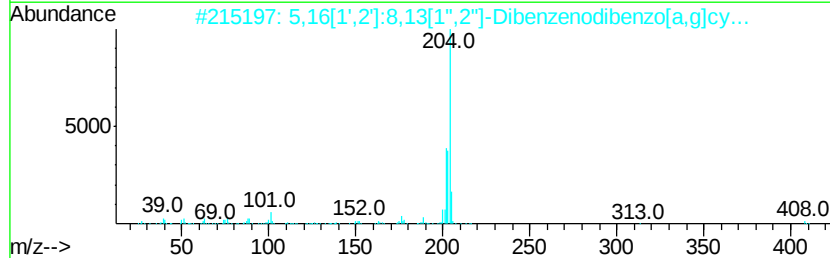
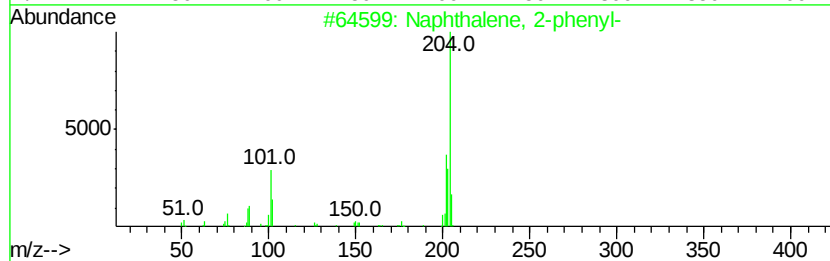
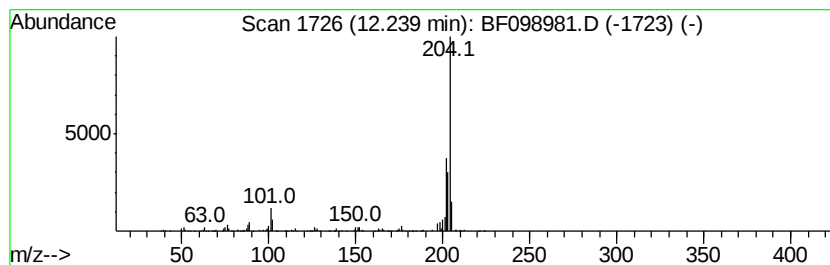
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Naphthalene, 2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.24	19.32 ng	549231	Phenanthrene-d10	11.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2		5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	83
4		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	52
5		9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093017\
Data File : BF098981.D
Acq On : 30 Sep 2017 23:49
Operator : SJ/JU
Sample : I5563-03 50X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NYSEG-PH4-SB-ESMI-3

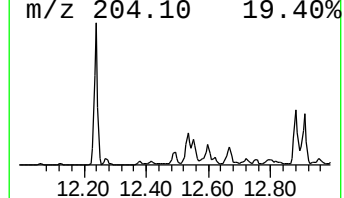
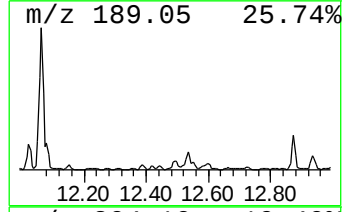
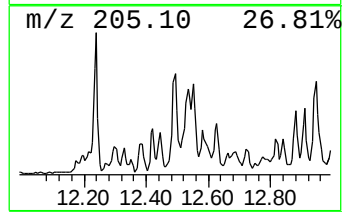
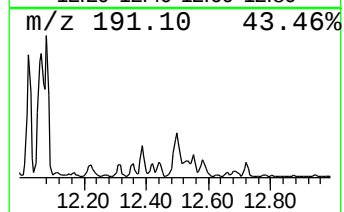
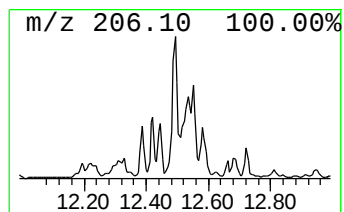
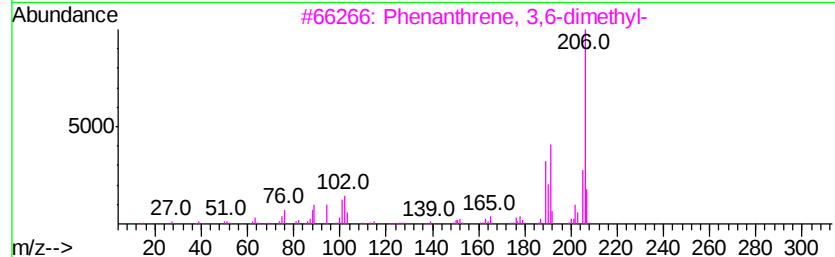
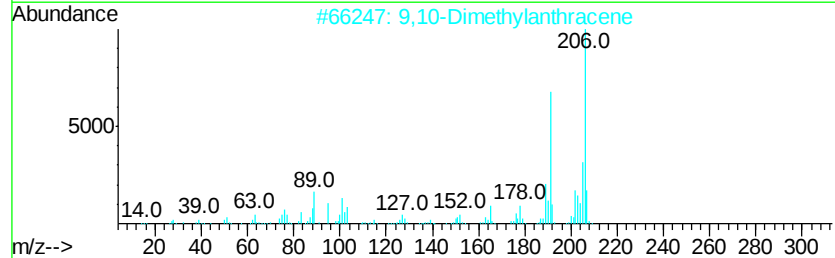
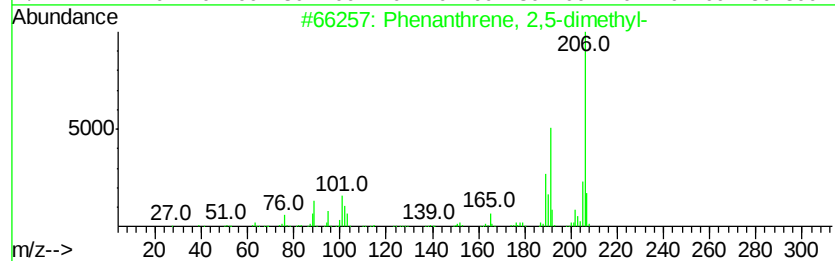
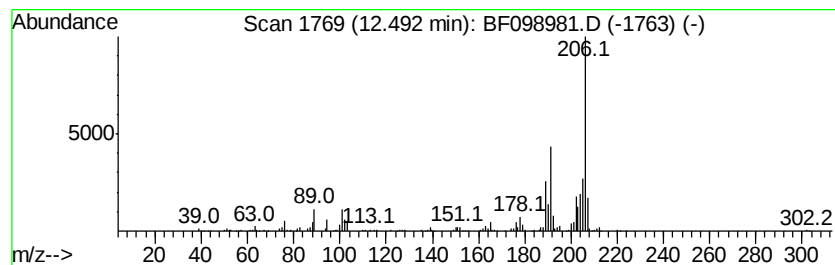
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Phenanthrene, 2,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	18.29 ng	519845	Phenanthrene-d10	11.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2		9,10-Dimethylantracene	206	C16H14	000781-43-1	94
3		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
5		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093017\
Data File : BF098981.D
Acq On : 30 Sep 2017 23:49
Operator : SJ/JU
Sample : I5563-03 50X
Misc :
ALS Vial : 25 Sample Multiplier: 1

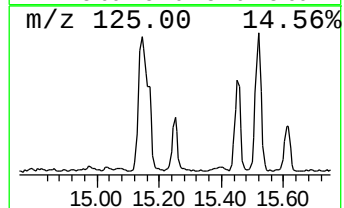
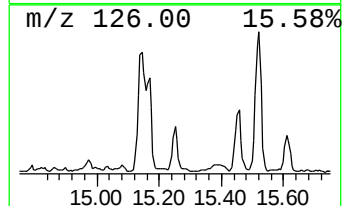
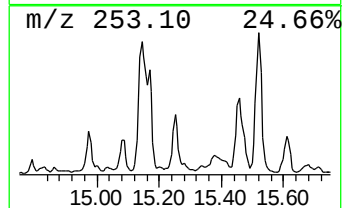
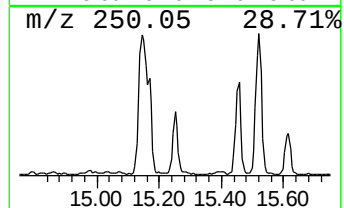
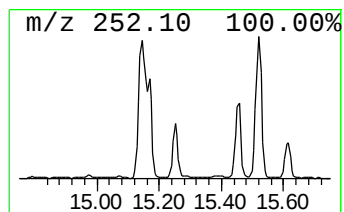
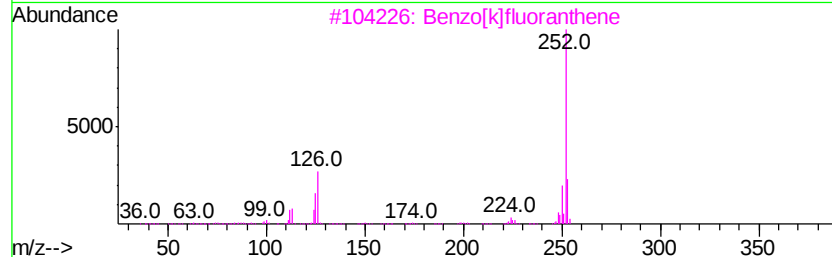
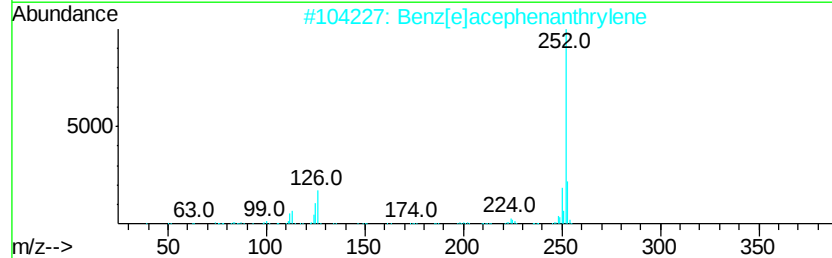
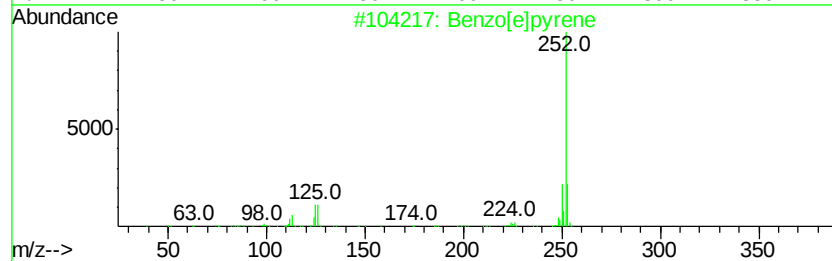
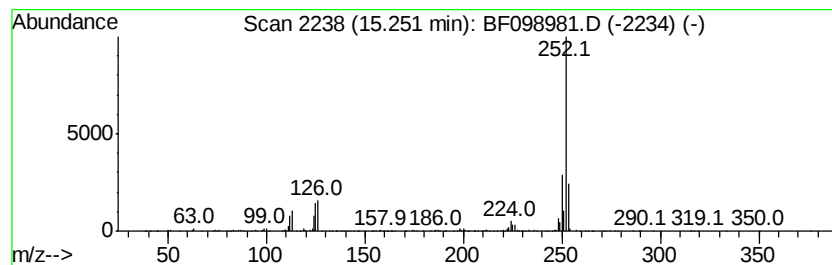
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.25	16.69 ng	359145	Perylene-d12	15.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzo[e]pyrene	252 C20H12	000192-97-2 94
2		Benzo[e]acephenanthrylene	252 C20H12	000205-99-2 94
3		Benzo[k]fluoranthene	252 C20H12	000207-08-9 93
4		Benzo[a]pyrene	252 C20H12	000050-32-8 93
5		Perylene	252 C20H12	000198-55-0 81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093017\
Data File : BF098981.D
Acq On : 30 Sep 2017 23:49
Operator : SJ/JU
Sample : I5563-03 50X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-SB-ESMI-3

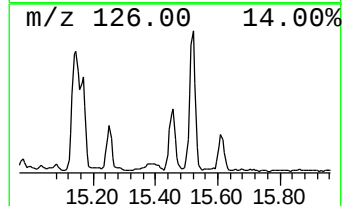
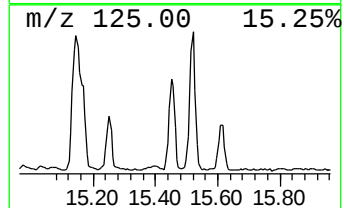
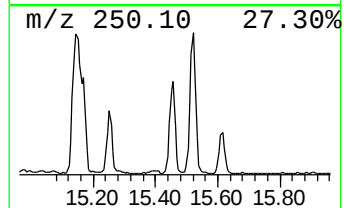
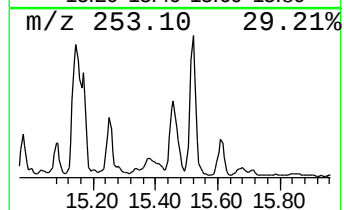
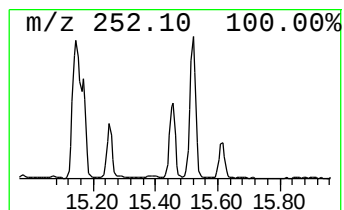
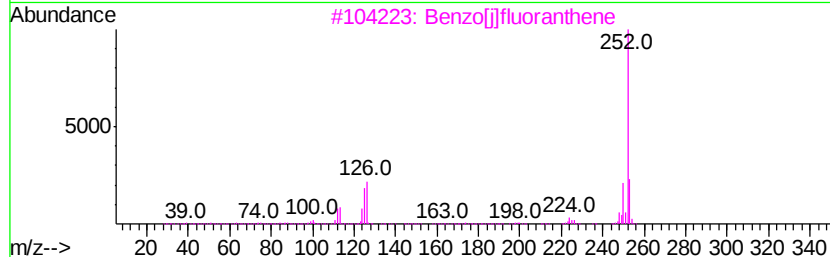
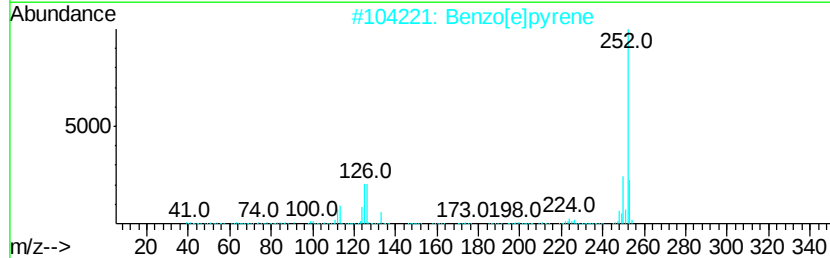
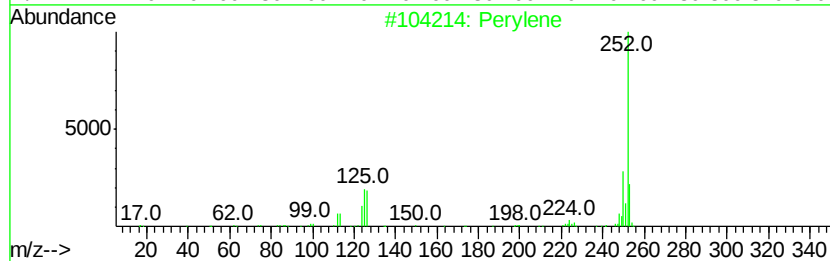
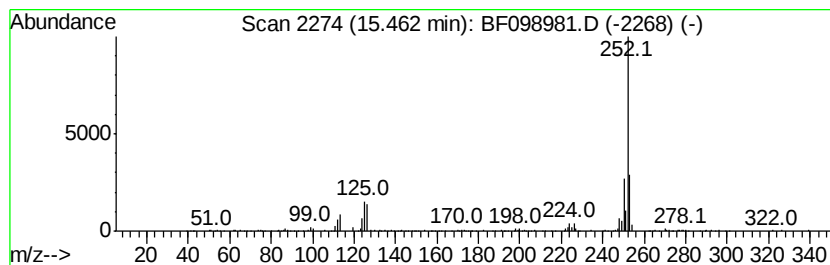
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Perylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.46	29.25 ng	629314	Perylene-d12	15.58

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	99
3		Benzo[i]fluoranthene	252	C20H12	000205-82-3	98
4		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	98
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	98



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 Data File : BF098981.D
 Acq On : 30 Sep 2017 23:49
 Operator : SJ/JU
 Sample : I5563-03 50X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NYSEG-PH4-SB-ESMI-3

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
Indene	7.17	17.4	ng	575214	1	6.92	662068	20.0
Naphthalene, 1-et...	9.47	13.6	ng	419297	3	9.96	615422	20.0
Naphthalene, 2,6-...	9.54	37.0	ng	1139960	3	9.96	615422	20.0
Naphthalene, 2,3-...	9.61	38.4	ng	1181580	3	9.96	615422	20.0
Naphthalene, 1,7-...	9.64	23.9	ng	736306	3	9.96	615422	20.0
Naphthalene, 2-(1...	10.26	15.9	ng	490744	3	9.96	615422	20.0
[1,1'-Biphenyl]-4...	10.66	20.4	ng	627635	3	9.96	615422	20.0
9H-Fluoren-9-ol	10.74	45.4	ng	1289800	4	11.45	568516	20.0
9H-Fluorene, 2-me...	11.05	18.9	ng	537367	4	11.45	568516	20.0
Naphtho[1,2-b]thi...	11.34	22.8	ng	648719	4	11.45	568516	20.0
Phenanthrene, 2-m...	11.95	30.2	ng	857306	4	11.45	568516	20.0
4H-Cyclopenta[def...	12.06	63.8	ng	1812860	4	11.45	568516	20.0
Naphthalene, 2-ph...	12.24	19.3	ng	549231	4	11.45	568516	20.0
Phenanthrene, 2,5...	12.49	18.3	ng	519845	4	11.45	568516	20.0
Benzo[e]pyrene	15.25	16.7	ng	359145	6	15.58	430321	20.0
Perylene	15.46	29.3	ng	629314	6	15.58	430321	20.0