

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050817\
 Data File : BF095010.D
 Acq On : 9 May 2017 7:50
 Operator : SJ/MA
 Sample : I2881-01 10X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1050

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-BF050217.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	5.672	632	635	651	rBV	76459	189435	9.93%	0.487%
2	6.584	786	790	798	rVB	70274	115483	6.06%	0.297%
3	6.972	849	856	864	rBV5	63356	170268	8.93%	0.438%
4	7.266	904	906	911	rVV	75601	129763	6.80%	0.334%
5	7.319	911	915	918	rVV	92484	156157	8.19%	0.402%
6	7.378	922	925	935	rVV	170709	346802	18.19%	0.892%
7	7.660	968	973	978	rVV5	49109	116266	6.10%	0.299%
8	7.707	978	981	986	rVV	335136	442566	23.21%	1.139%
9	7.795	993	996	1002	rVB	259210	292006	15.31%	0.751%
10	7.866	1002	1008	1012	rBV3	76979	147892	7.75%	0.380%
11	7.954	1018	1023	1027	rBV2	271030	423790	22.22%	1.090%
12	8.131	1042	1053	1058	rBV7	83893	190064	9.97%	0.489%
13	8.313	1080	1084	1092	rVB2	141354	227500	11.93%	0.585%
14	8.584	1126	1130	1133	rBV3	173037	271631	14.24%	0.699%
15	8.613	1133	1135	1138	rVV2	96962	118424	6.21%	0.305%
16	8.654	1138	1142	1147	rVB3	102129	154699	8.11%	0.398%
17	8.766	1158	1161	1166	rVB5	101049	143103	7.50%	0.368%
18	8.901	1181	1184	1191	rBV3	184124	307619	16.13%	0.791%
19	8.978	1191	1197	1201	rBV3	239306	384065	20.14%	0.988%
20	9.025	1201	1205	1209	rBV	209382	244319	12.81%	0.629%
21	9.154	1223	1227	1233	rBV3	329981	625112	32.78%	1.608%
22	9.325	1252	1256	1259	rBV4	175473	268469	14.08%	0.691%
23	9.442	1274	1276	1280	rVB3	119924	146082	7.66%	0.376%
24	9.513	1280	1288	1292	rBV6	113676	296596	15.55%	0.763%
25	9.589	1298	1301	1307	rVV4	91642	207988	10.91%	0.535%
26	9.731	1318	1325	1333	rBV3	655456	1464431	76.79%	3.767%
27	9.789	1333	1335	1337	rVV2	132847	156339	8.20%	0.402%
28	9.836	1337	1343	1351	rVB7	242427	578549	30.34%	1.488%
29	9.913	1351	1356	1357	rBV5	70454	121384	6.36%	0.312%
30	9.948	1357	1362	1365	rVB	703084	834298	43.75%	2.146%
31	10.025	1371	1375	1380	rVB3	183330	255302	13.39%	0.657%
32	10.101	1380	1388	1392	rBV6	251061	546502	28.66%	1.406%
33	10.142	1392	1395	1399	rBV4	100702	174238	9.14%	0.448%
34	10.213	1404	1407	1412	rVB4	246426	314843	16.51%	0.810%

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35	10.272	1412	1417	1421	rBV4	329725	496856	26.05%	1.278%
36	10.360	1428	1432	1435	rBV3	191986	306533	16.07%	0.789%
37	10.466	1447	1450	1452	rBV3	123344	152659	8.00%	0.393%
38	10.536	1456	1462	1464	rVV2	778885	1002101	52.55%	2.578%
39	10.566	1464	1467	1470	rVB4	170227	230413	12.08%	0.593%
40	10.654	1478	1482	1484	rBV4	136135	178492	9.36%	0.459%
41	10.742	1493	1497	1499	rBV4	119727	173320	9.09%	0.446%
42	10.819	1507	1510	1516	rVB6	234219	335593	17.60%	0.863%
43	10.883	1516	1521	1523	rBV4	126151	214343	11.24%	0.551%
44	10.960	1531	1534	1537	rVB	210544	230222	12.07%	0.592%
45	10.989	1537	1539	1545	rVB5	115872	143182	7.51%	0.368%
46	11.048	1545	1549	1554	rBV5	346605	631006	33.09%	1.623%
47	11.095	1554	1557	1560	rBV2	199002	275964	14.47%	0.710%
48	11.272	1584	1587	1591	rBV	340331	440045	23.07%	1.132%
49	11.472	1618	1621	1624	rVV3	165692	226443	11.87%	0.583%
50	11.507	1624	1627	1631	rVB	1145673	1259440	66.04%	3.240%
51	11.548	1631	1634	1640	rVB6	157199	258680	13.56%	0.665%
52	11.607	1641	1644	1650	rBV3	211725	341806	17.92%	0.879%
53	11.742	1664	1667	1672	rVB3	486298	656936	34.45%	1.690%
54	11.807	1672	1678	1684	rBV6	232498	549197	28.80%	1.413%
55	11.860	1684	1687	1693	rVB8	84596	147186	7.72%	0.379%
56	11.913	1693	1696	1697	rBV	303504	290895	15.25%	0.748%
57	12.036	1713	1717	1721	rVB	489915	648109	33.98%	1.667%
58	12.077	1721	1724	1726	rVV2	539336	596515	31.28%	1.535%
59	12.101	1726	1728	1733	rVB2	406376	453537	23.78%	1.167%
60	12.213	1743	1747	1750	rBV2	291823	457712	24.00%	1.177%
61	12.254	1750	1754	1758	rVB	1078433	1383331	72.54%	3.559%
62	12.348	1766	1770	1774	rBV2	276290	423256	22.19%	1.089%
63	12.430	1779	1784	1790	rVB3	532654	832648	43.66%	2.142%
64	12.495	1790	1795	1796	rBV4	80212	134442	7.05%	0.346%
65	12.566	1803	1807	1813	rBV2	419740	591633	31.02%	1.522%
66	12.766	1837	1841	1848	rVB2	292283	603341	31.64%	1.552%
67	12.836	1849	1853	1857	rVB3	255056	355660	18.65%	0.915%
68	12.877	1857	1860	1862	rBV2	105826	128169	6.72%	0.330%
69	12.930	1866	1869	1874	rVB	491044	610744	32.03%	1.571%
70	12.995	1874	1880	1883	rBV	450834	643638	33.75%	1.656%
71	13.113	1896	1900	1905	rVB3	514650	750742	39.37%	1.931%

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72	13.160	1905	1908	1918	rVB	354722	516492	27.08%	1.329%
73	13.236	1918	1921	1922	rBV2	217679	216687	11.36%	0.557%
74	13.283	1927	1929	1932	rVB3	167164	157005	8.23%	0.404%
75	13.460	1956	1959	1963	rBV3	236038	356655	18.70%	0.918%
76	13.554	1967	1975	1980	rBV5	335989	878507	46.07%	2.260%
77	13.595	1980	1982	1987	rVB4	108004	145787	7.64%	0.375%
78	13.677	1993	1996	2001	rVB2	172676	204142	10.70%	0.525%
79	13.736	2003	2006	2008	rVV2	126950	186787	9.79%	0.481%
80	13.771	2008	2012	2016	rVB	735452	1024770	53.74%	2.636%
81	13.936	2038	2040	2046	rVB2	199942	249476	13.08%	0.642%
82	14.089	2063	2066	2072	rVB	250145	309588	16.23%	0.796%
83	14.207	2081	2086	2091	rBV	1326868	1907064	100.00%	4.906%
84	14.342	2106	2109	2111	rBV3	98336	123917	6.50%	0.319%
85	14.401	2116	2119	2123	rVB	242252	271768	14.25%	0.699%
86	14.548	2140	2144	2148	rBV5	142056	219624	11.52%	0.565%
87	14.595	2148	2152	2156	rVB5	147801	222409	11.66%	0.572%
88	14.742	2172	2177	2178	rBV4	70701	123080	6.45%	0.317%
89	14.965	2209	2215	2219	rBV2	937038	1328779	69.68%	3.418%
90	15.001	2219	2221	2226	rVB2	143487	172756	9.06%	0.444%
91	15.183	2248	2252	2254	rBV	124504	162633	8.53%	0.418%
92	15.507	2301	2307	2311	rBV3	132827	269450	14.13%	0.693%
93	15.748	2345	2348	2351	rBV	121181	133100	6.98%	0.342%
94	15.789	2351	2355	2361	rVB	186310	249971	13.11%	0.643%
95	15.901	2371	2374	2377	rBV2	105146	115835	6.07%	0.298%
96	15.936	2377	2380	2389	rVB	132087	179108	9.39%	0.461%
97	16.542	2480	2483	2488	rBV2	139372	232010	12.17%	0.597%
98	17.283	2604	2609	2620	rVB	236059	347400	18.22%	0.894%
99	18.630	2834	2838	2851	rVB	358553	477834	25.06%	1.229%
100	20.300	3118	3122	3133	rBV	276604	372200	19.52%	0.958%

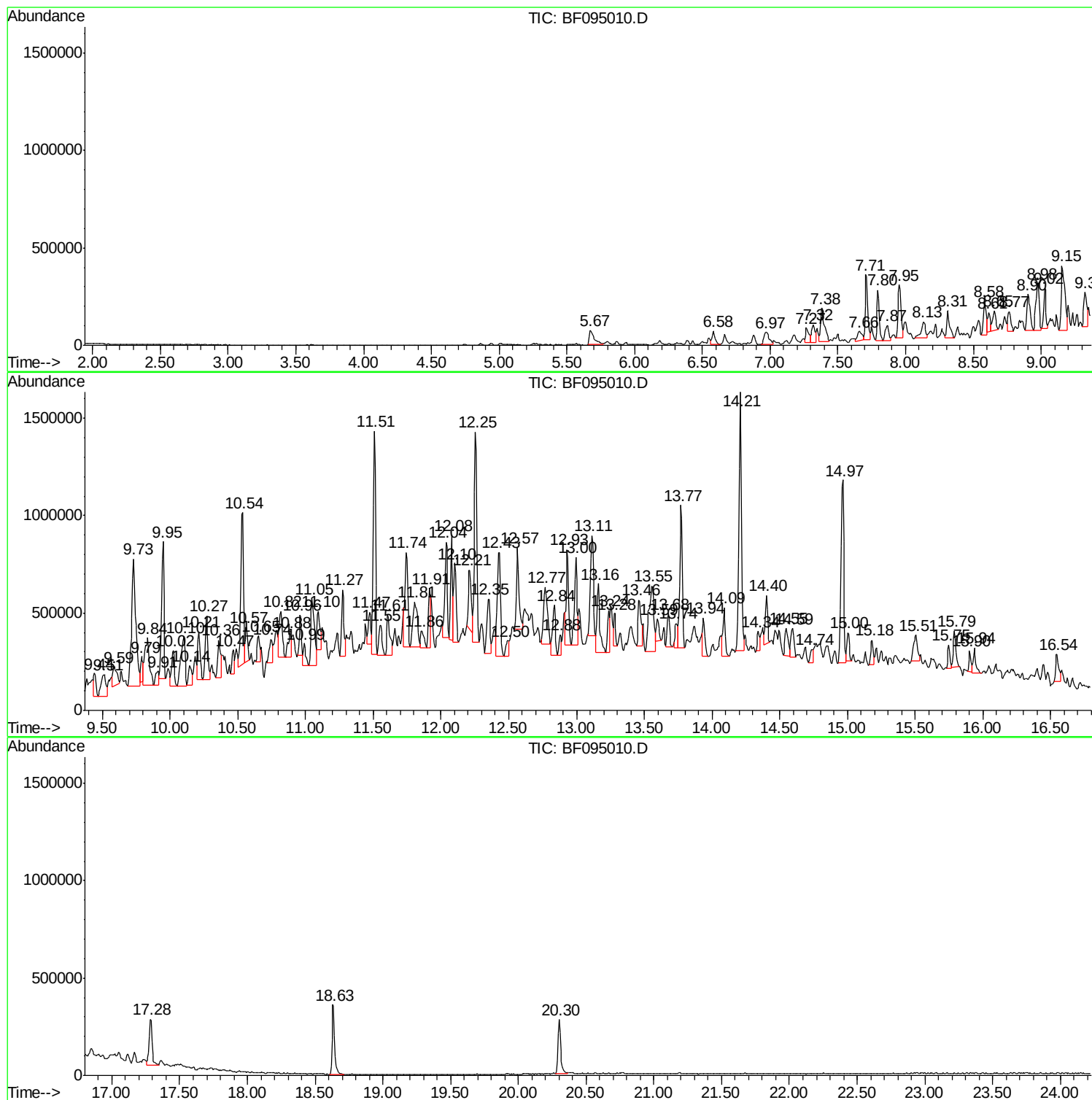
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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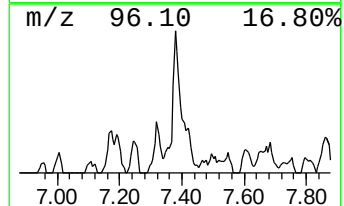
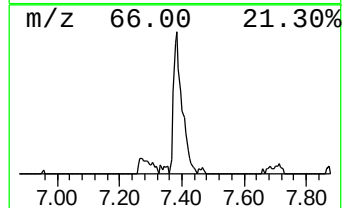
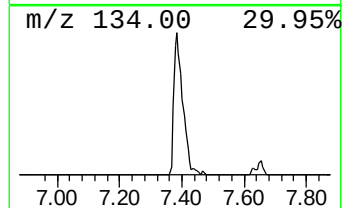
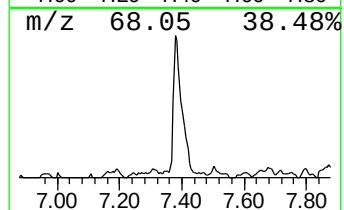
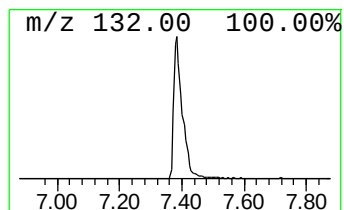
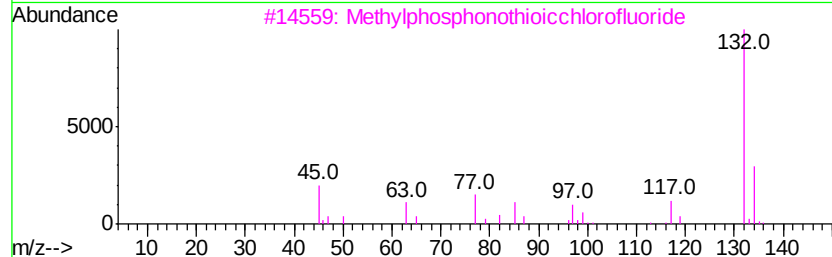
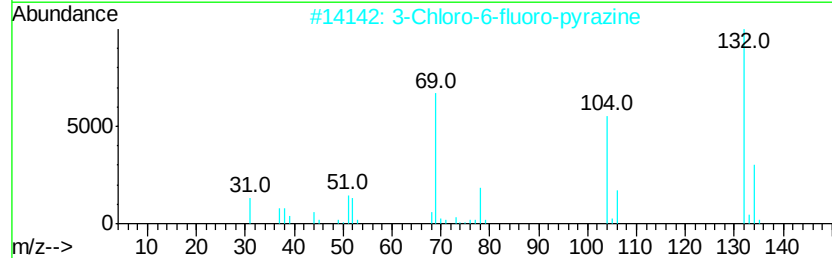
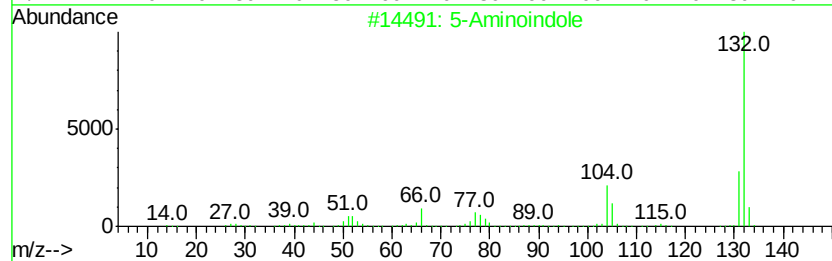
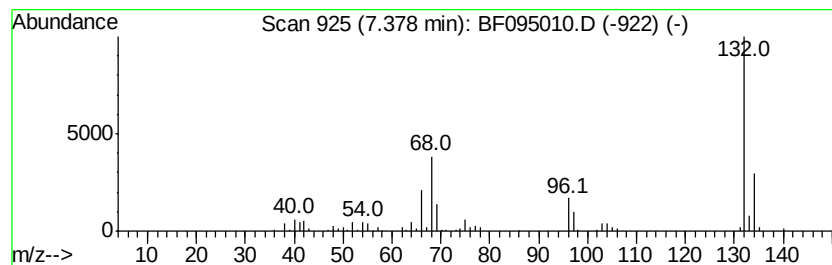
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown7.38 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.38	15.67 ng	346802	1,4-Dichlorobenzene-d4	7.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Aminoindole	132	C8H8N2	005192-03-0	22
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3		Methylphosphonothioicchlorofluoride	132	CH3ClFPS	027127-27-1	16
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5		Amphetaminil	250	C17H18N2	017590-01-1	10



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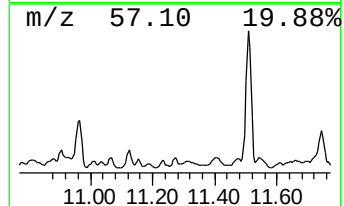
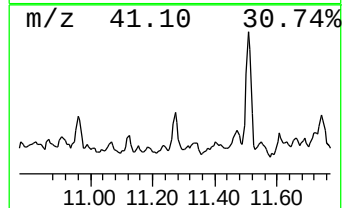
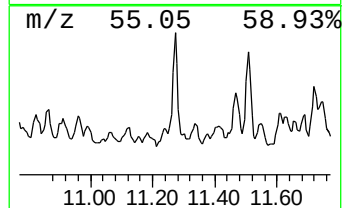
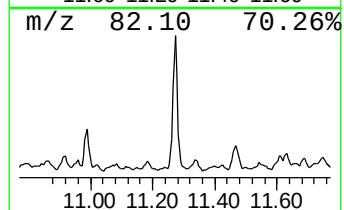
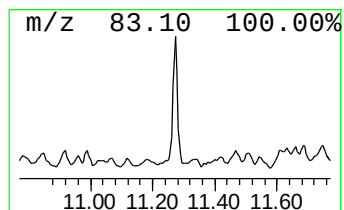
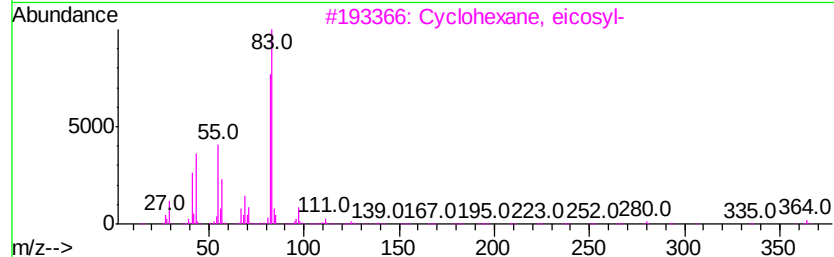
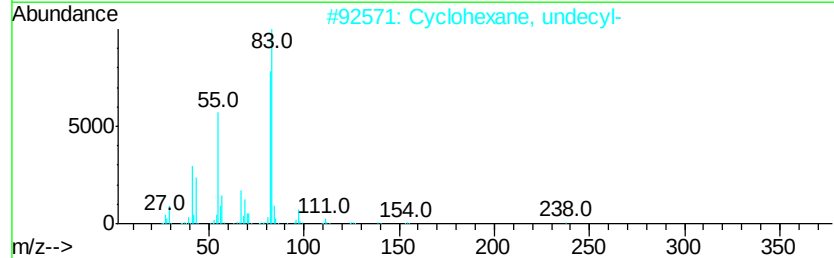
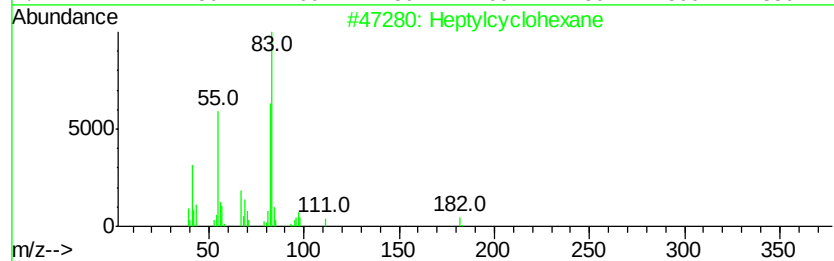
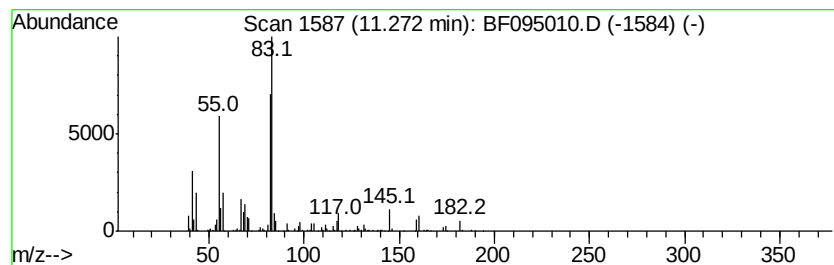
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Peak Number 3 Heptylcyclohexane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	14.88 ng	440045	Acenaphthene-d10	12.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Heptylcyclohexane	182 C13H26	005617-41-4 76
2		Cyclohexane, undecyl-	238 C17H34	054105-66-7 59
3		Cyclohexane, eicosyl-	364 C26H52	004443-55-4 59
4		Ethanone, 1-(1-methylcyclopentyl)-	126 C8H14O	013388-93-7 47
5		Cyclopentane, 1-ethyl-1-methyl-	112 C8H16	016747-50-5 47



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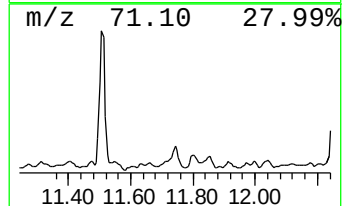
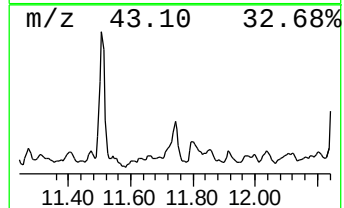
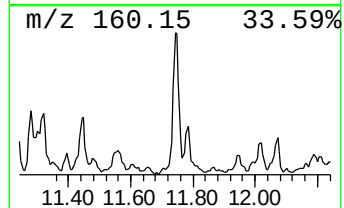
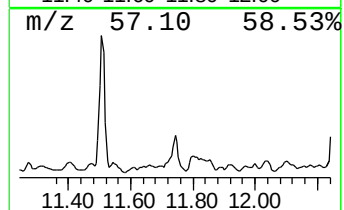
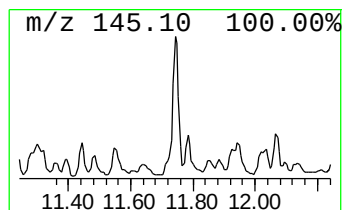
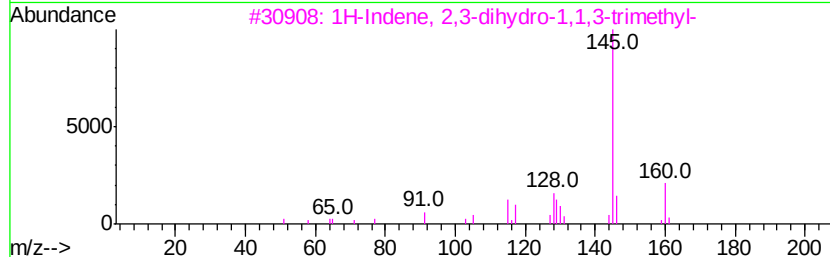
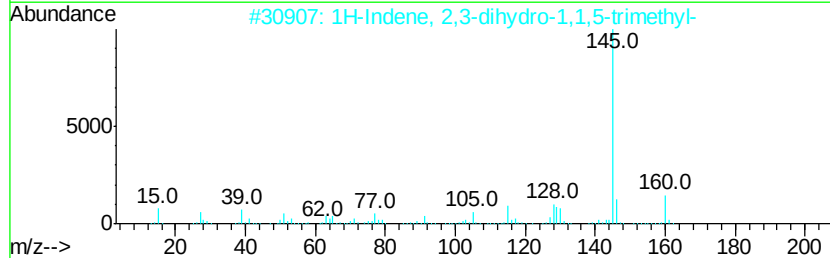
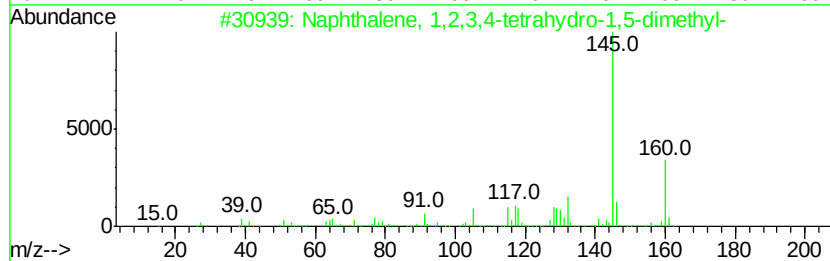
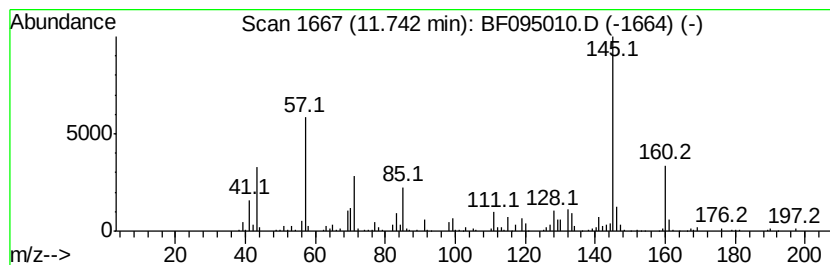
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Peak Number 4 Naphthalene, 1,2,3,4-tetra... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	22.21 ng	656936	Acenaphthene-d10	12.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	70
2		1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	64
3		1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	64
4		Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	58
5		Benzene, 1-(1-methylethenyl)-4-(...	160	C12H16	002388-14-9	58



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Data File : BF095010.D
Acq On : 9 May 2017 7:50
Operator : SJ/MA
Sample : I2881-01 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

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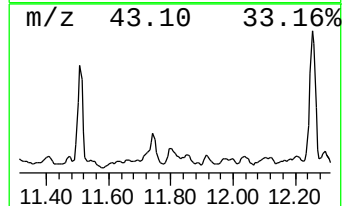
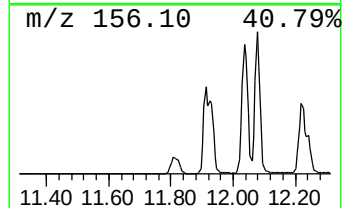
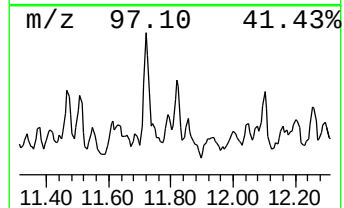
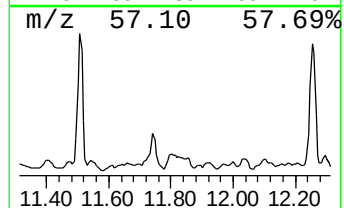
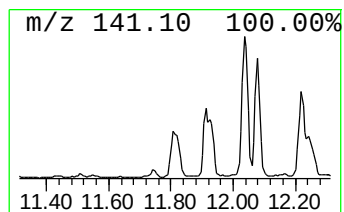
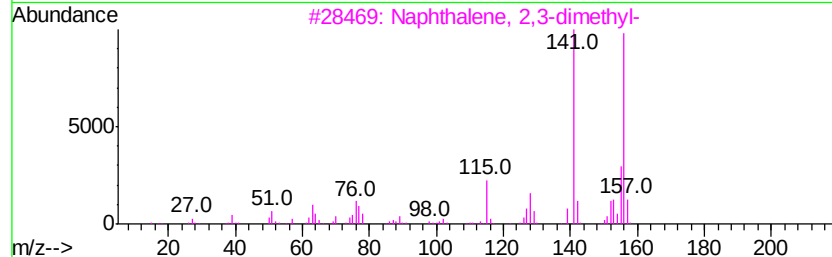
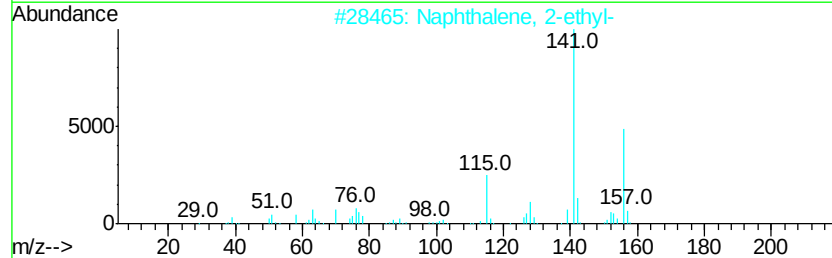
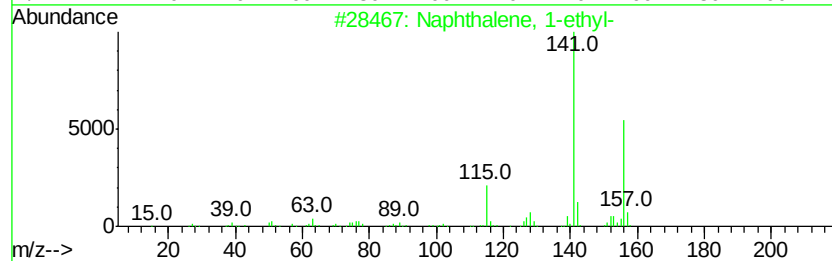
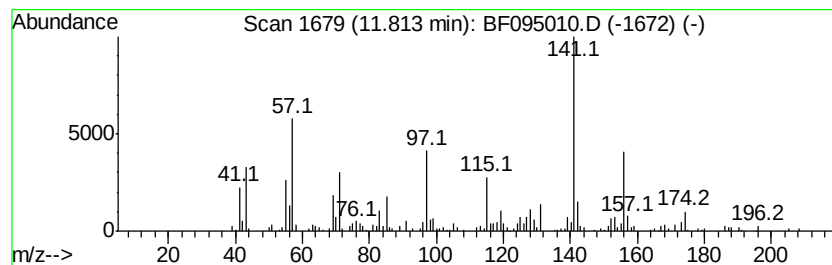
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 1-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	18.57 ng	549197	Acenaphthene-d10	12.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	91
2		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	90
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	53
4		Silane, trimethyl-2-thienyl-	156	C7H12SSi	018245-28-8	43
5		1-Naphthaleneacetic acid	186	C12H10O2	000086-87-3	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050817\
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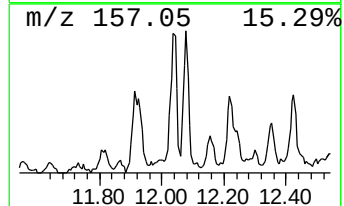
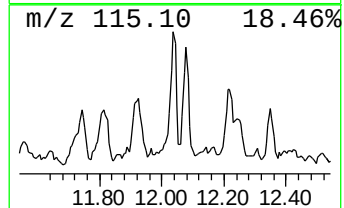
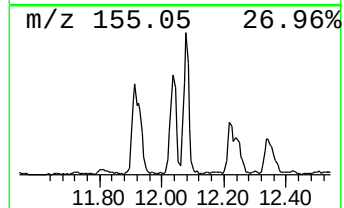
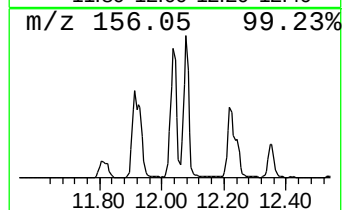
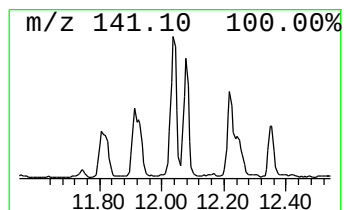
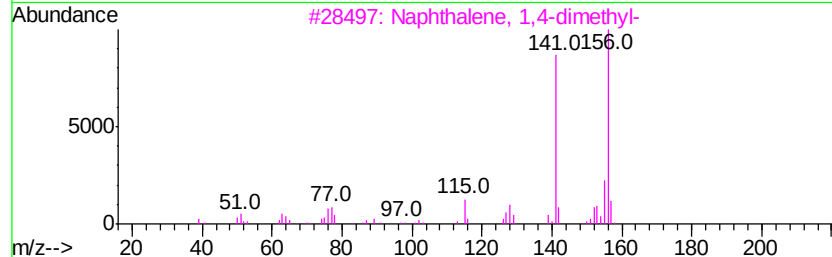
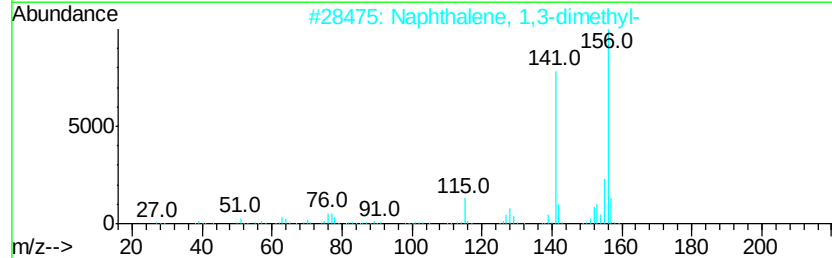
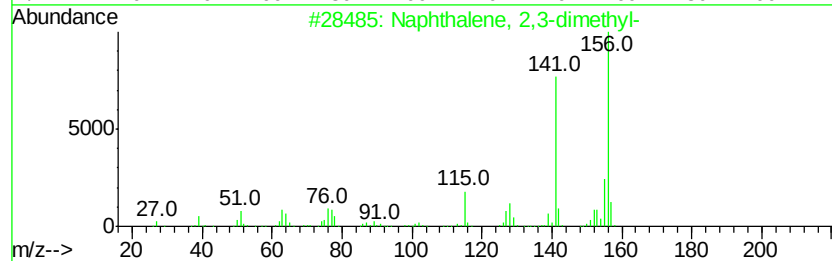
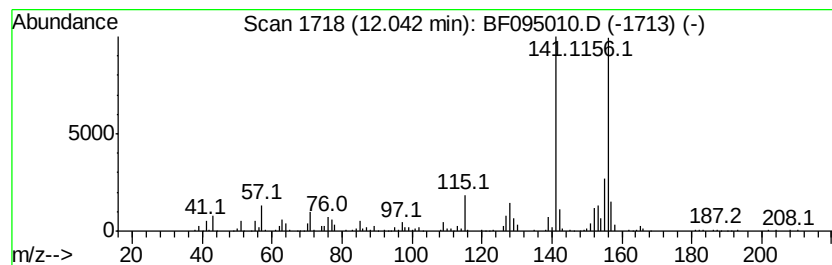
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	21.91 ng	648109	Acenaphthene-d10	12.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
2		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 97
3		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 96
4		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 96
5		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 95



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
Data File : BF095010.D
Acq On : 9 May 2017 7:50
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Sample : I2881-01 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

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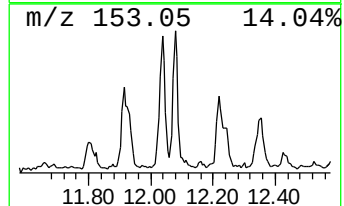
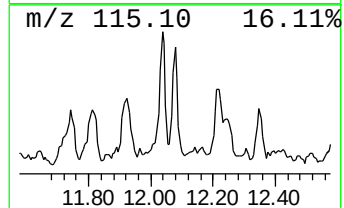
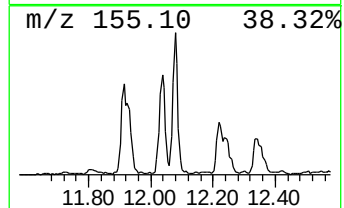
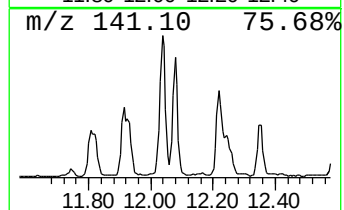
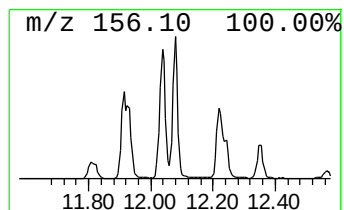
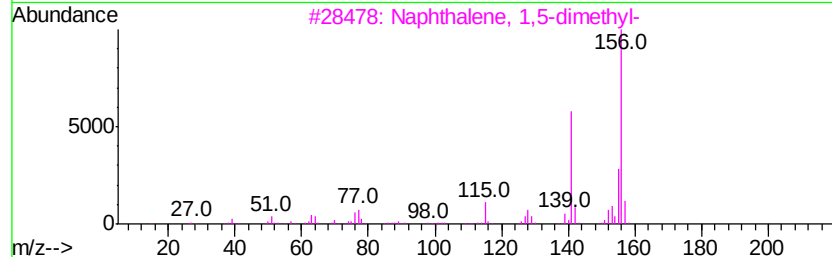
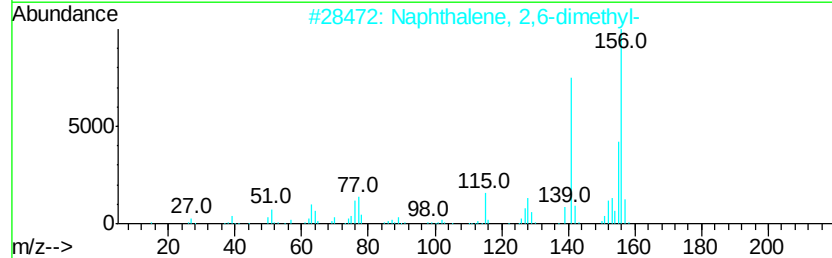
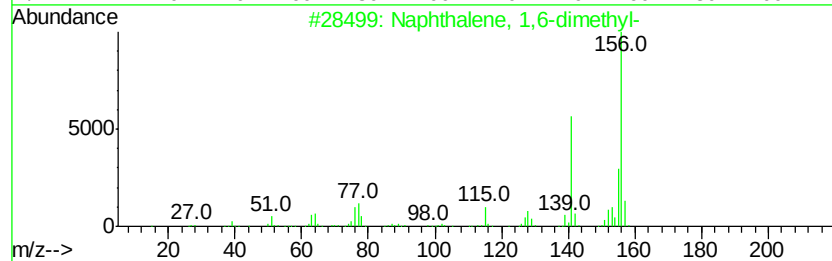
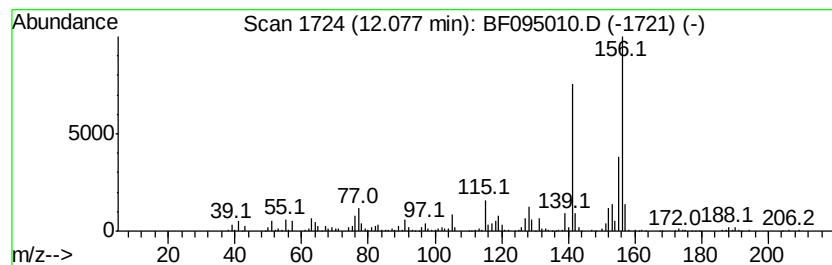
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 1,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	20.17 ng	596515	Acenaphthene-d10	12.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
Data File : BF095010.D
Acq On : 9 May 2017 7:50
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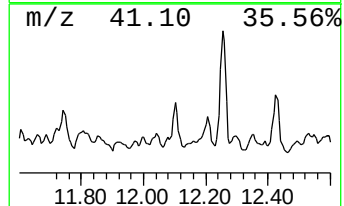
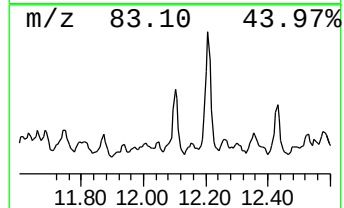
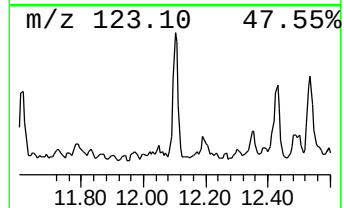
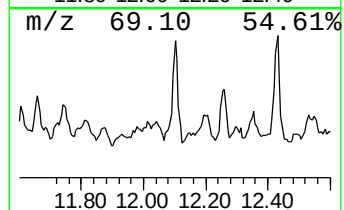
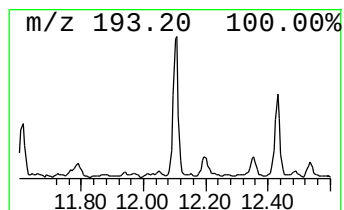
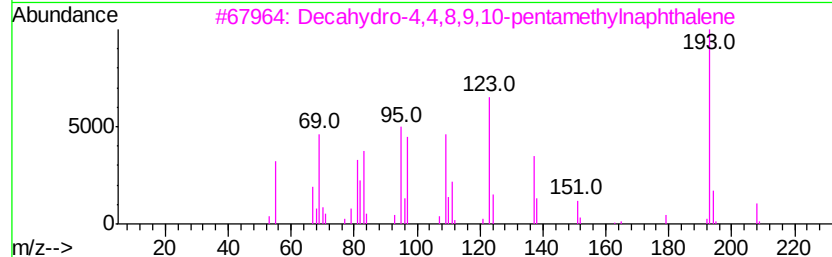
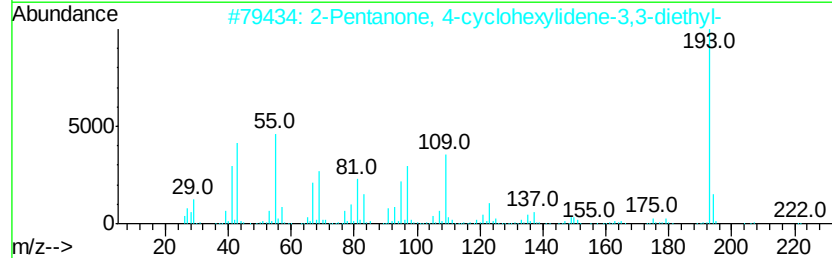
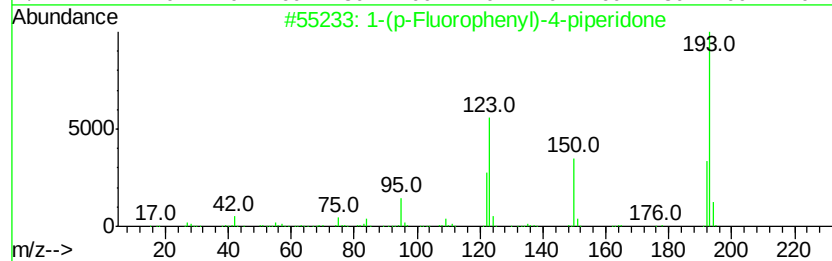
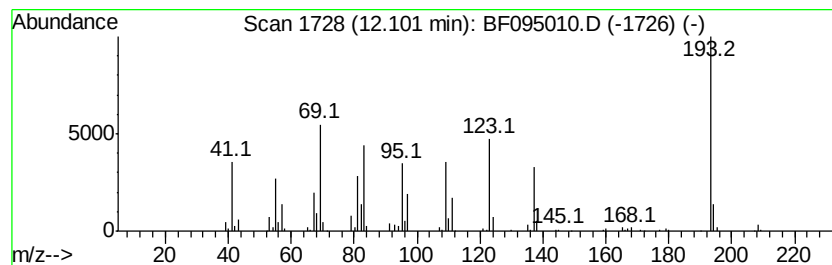
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown12.10 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	15.33 ng	453537	Acenaphthene-d10	12.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	43
2		2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	37
3		Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	30
4		2-Anthracenamine	193	C14H11N	000613-13-8	27
5		9-Phenanthrenamine	193	C14H11N	000947-73-9	27



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
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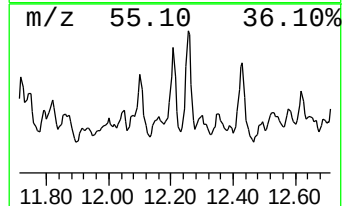
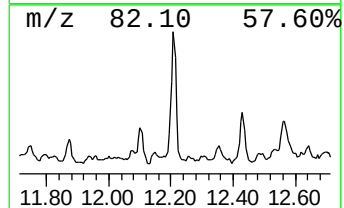
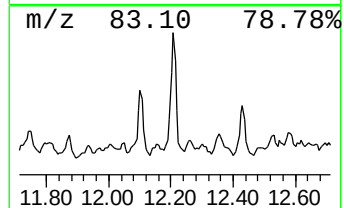
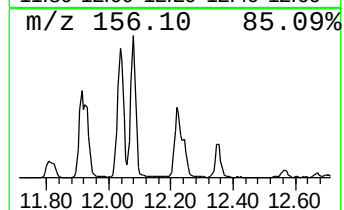
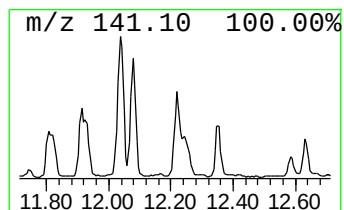
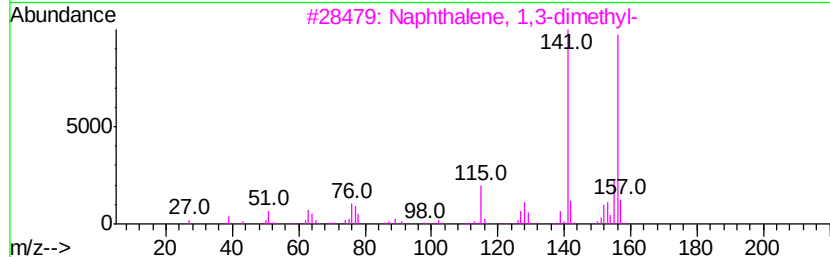
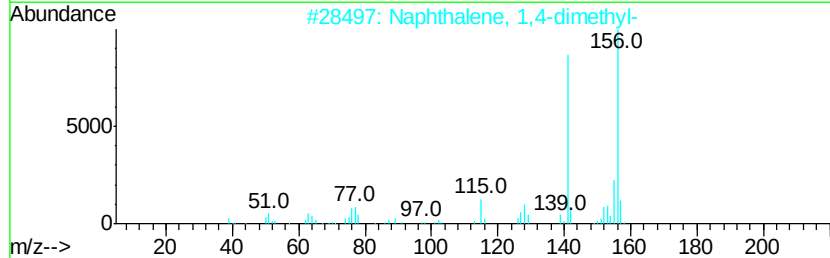
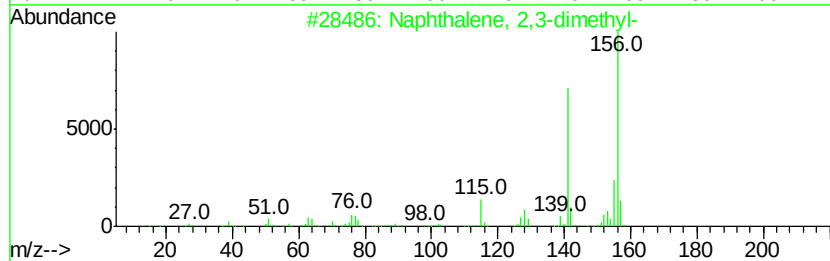
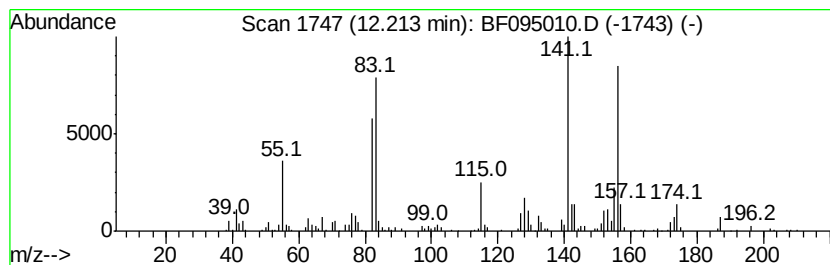
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 1,8-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.21	15.47 ng	457712	Acenaphthene-d10	12.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	92
2		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	91
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	90
4		Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	90
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050817\
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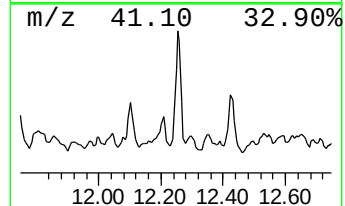
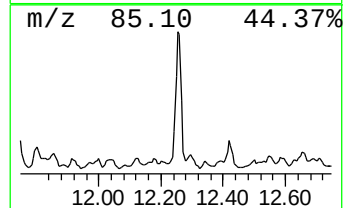
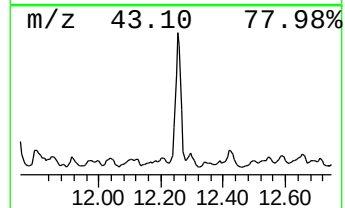
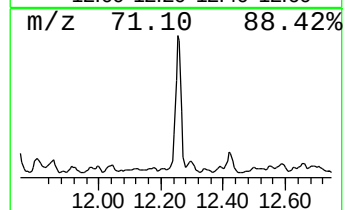
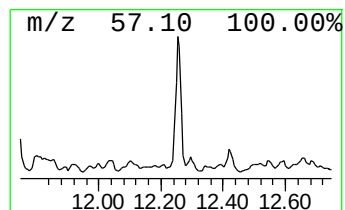
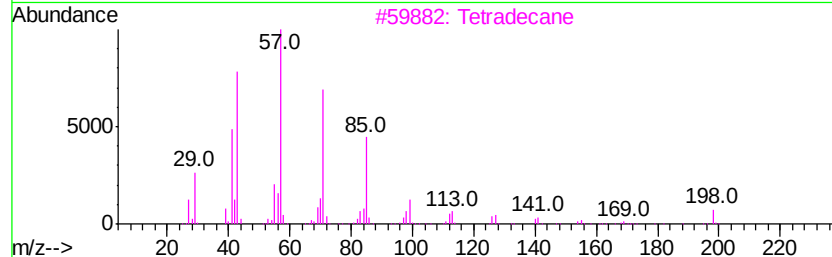
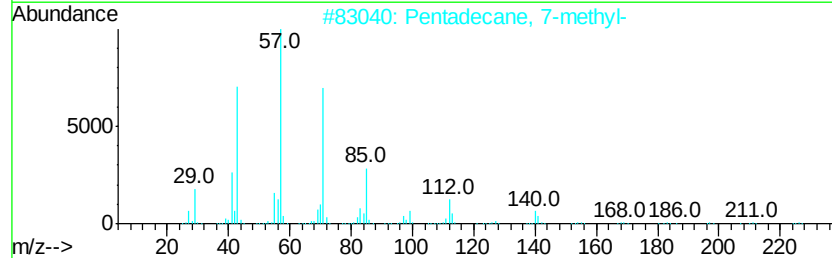
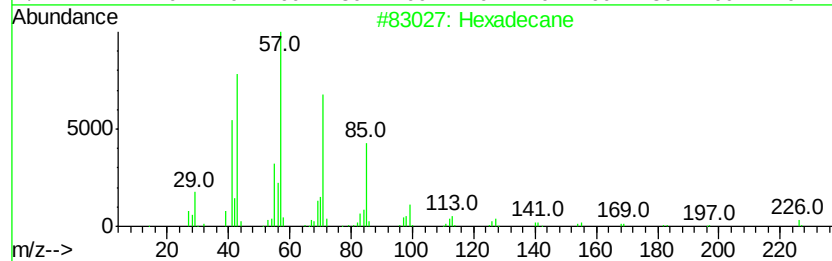
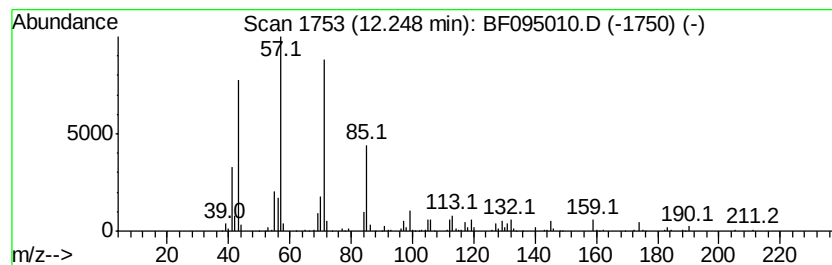
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.25	46.76 ng	1383330	Acenaphthene-d10		12.57
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	78
3	Tetradecane	198	C14H30	000629-59-4	78
4	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	72
5	1-Nonene, 4,6,8-trimethyl-	168	C12H24	054410-98-9	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
Data File : BF095010.D
Acq On : 9 May 2017 7:50
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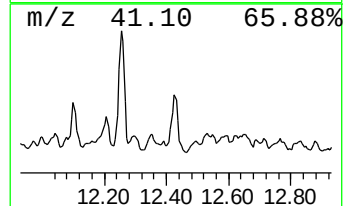
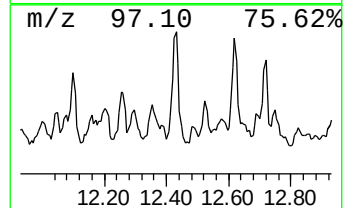
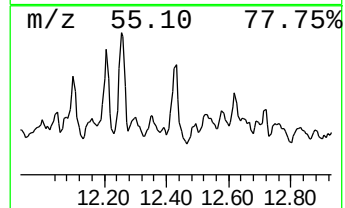
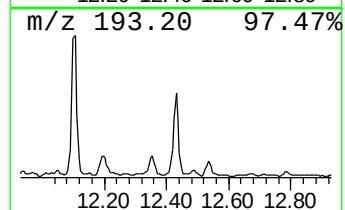
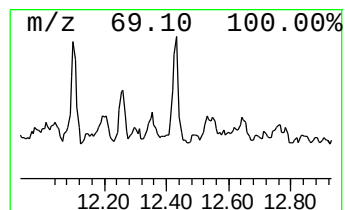
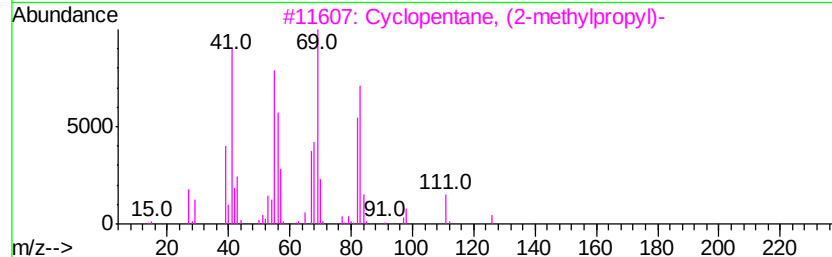
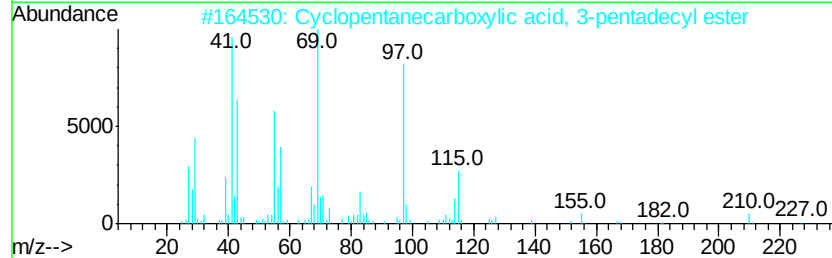
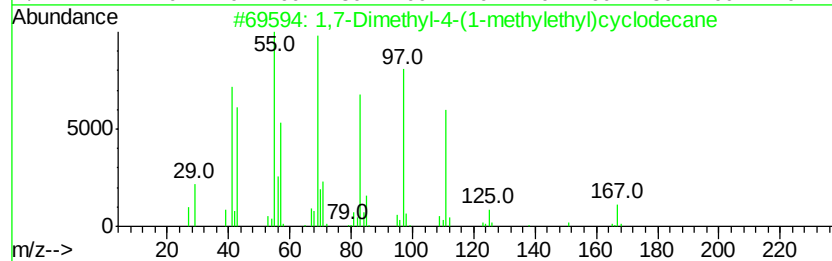
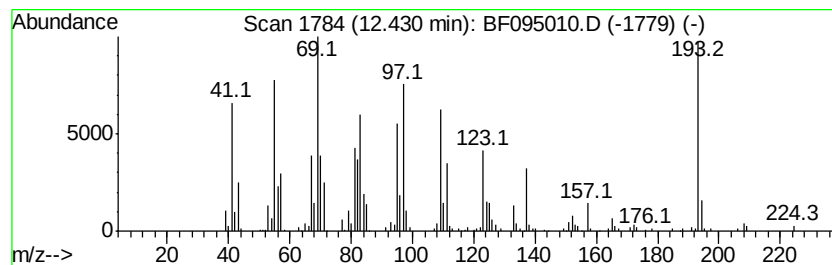
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown12.43 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	28.15 ng	832648	Acenaphthene-d10	12.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,7-Dimethyl-4-(1-methylethyl)cyclo...	210	C15H30	000645-10-3	38
2		Cyclopentanecarboxylic acid, 3-p...	324	C21H40O2	1000280-59-1	22
3		Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	15
4		1,1'-Bicyclohexyl, 2-ethyl-, cis-	194	C14H26	050991-12-3	15
5		2,6-Heptadienal, 2,4-dimethyl-	138	C9H14O	085136-08-9	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050817\
Data File : BF095010.D
Acq On : 9 May 2017 7:50
Operator : SJ/MA
Sample : I2881-01 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

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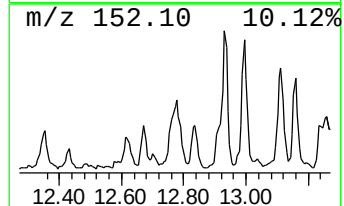
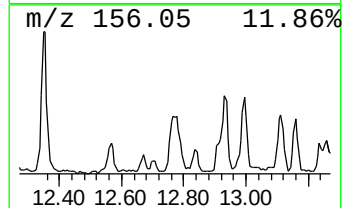
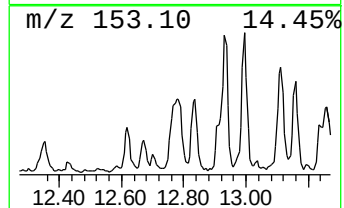
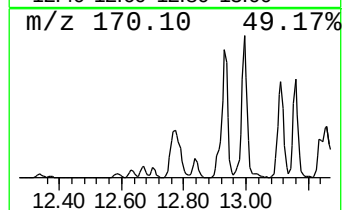
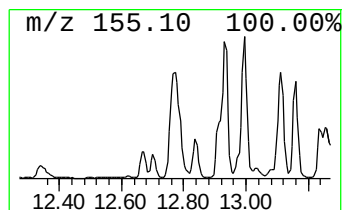
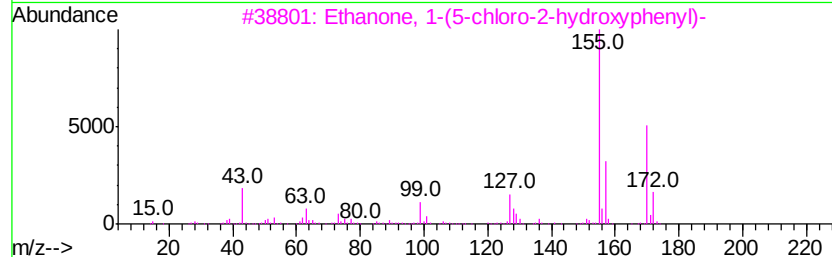
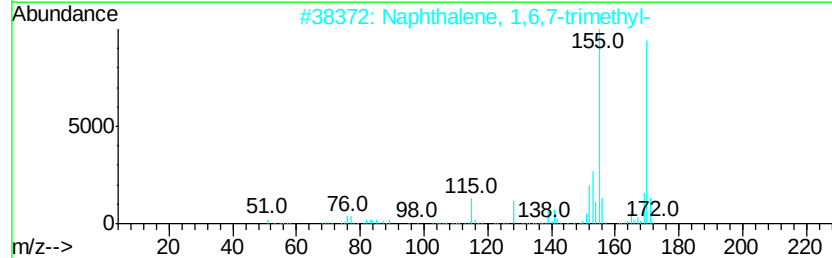
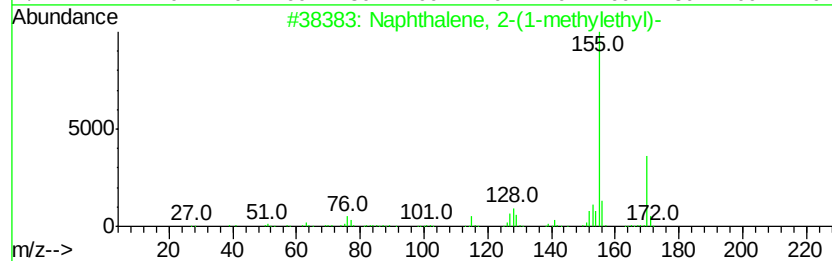
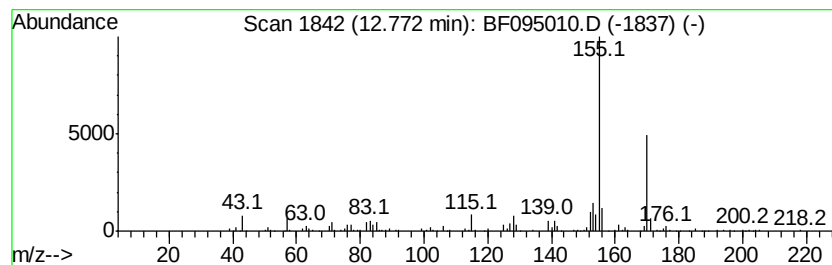
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 2-(1-methyleth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	20.40 ng	603341	Acenaphthene-d10	12.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	76
3		Ethanone, 1-(5-chloro-2-hydroxyphenyl)-	170	C8H7ClO2	001450-74-4	64
4		2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	64
5		Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
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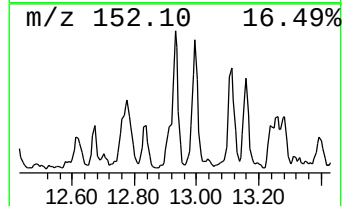
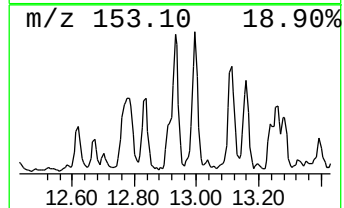
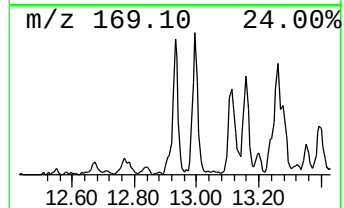
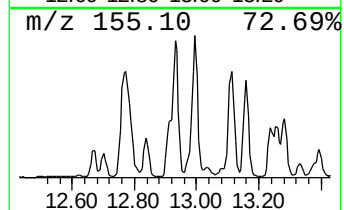
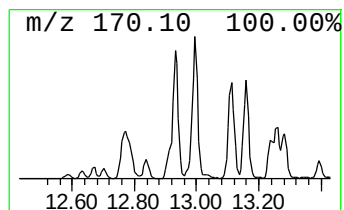
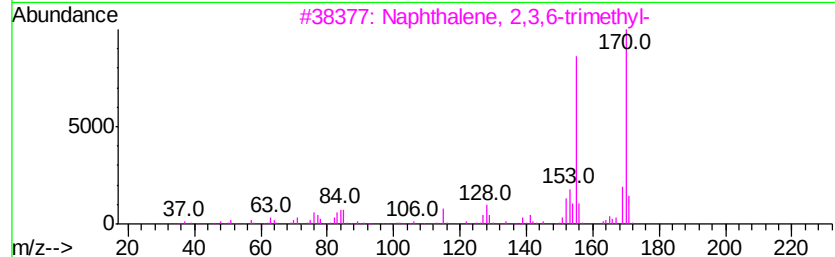
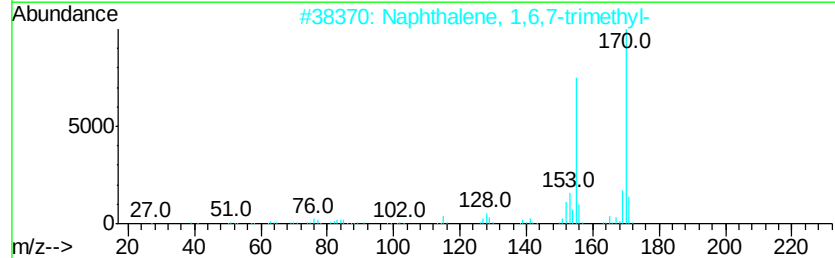
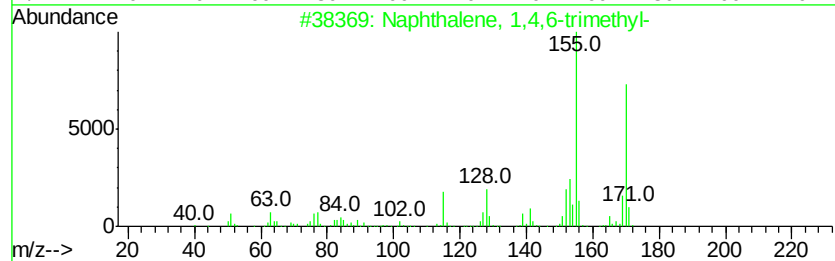
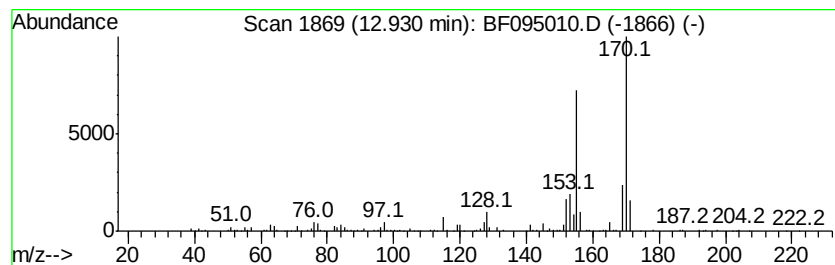
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 1,4,6-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	20.65 ng	610744	Acenaphthene-d10	12.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
4		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	87
5		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
Data File : BF095010.D
Acq On : 9 May 2017 7:50
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Sample : I2881-01 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

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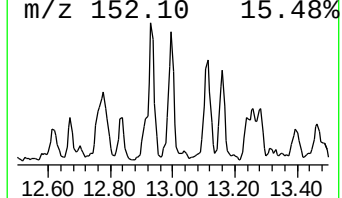
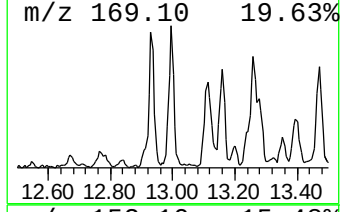
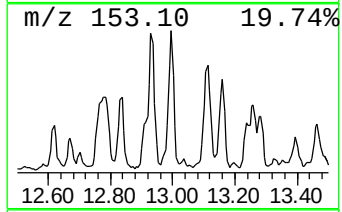
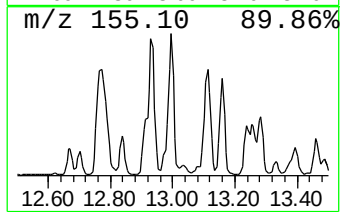
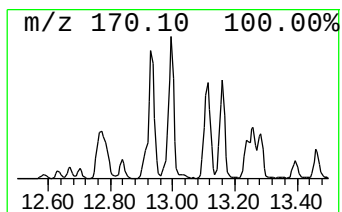
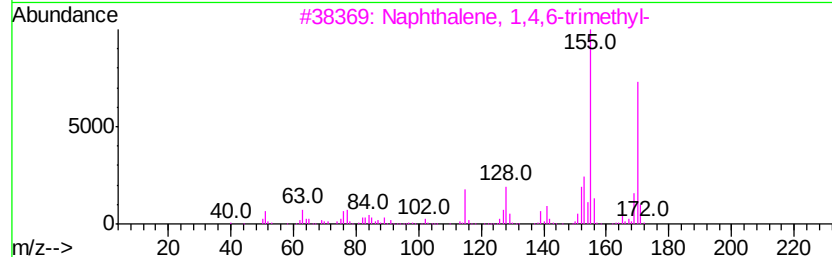
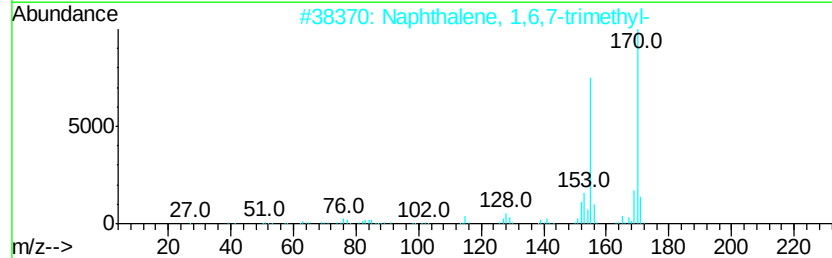
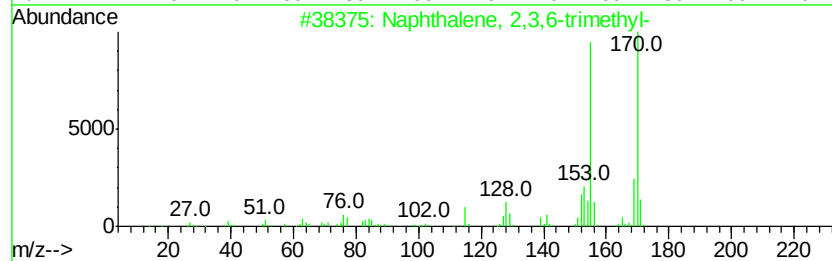
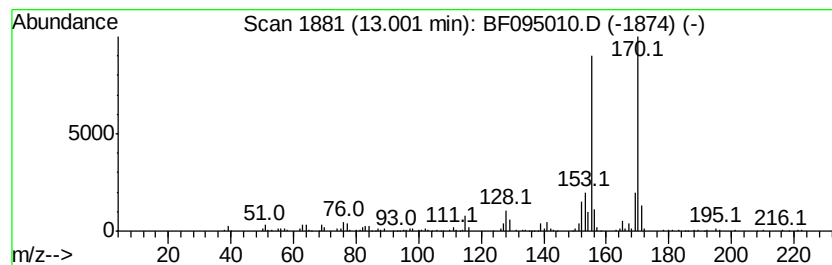
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 2,3,6-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	21.76 ng	643638	Acenaphthene-d10	12.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
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Acq On : 9 May 2017 7:50
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ClientSampleId :
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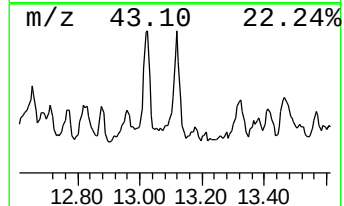
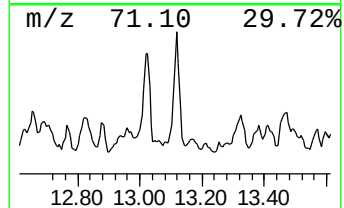
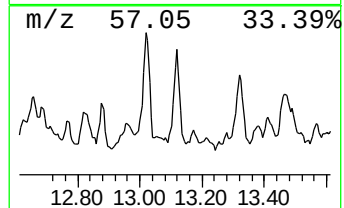
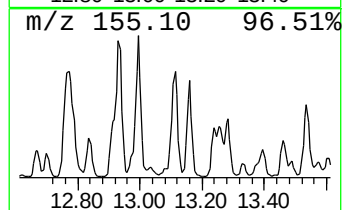
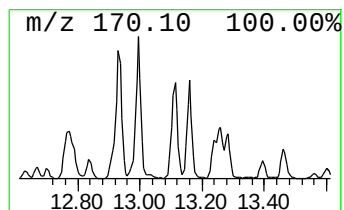
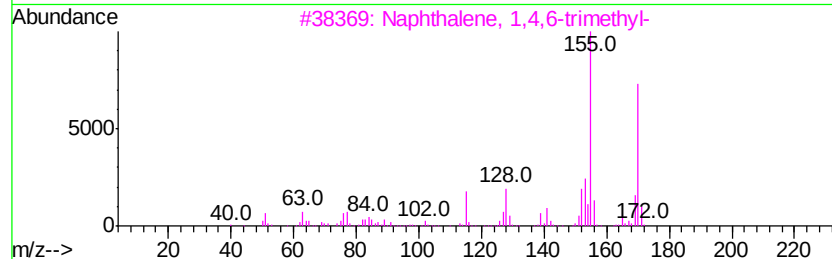
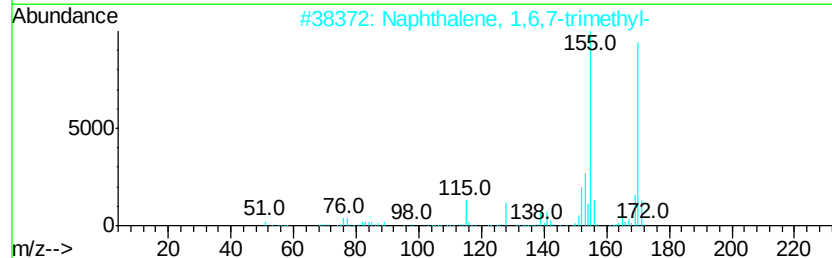
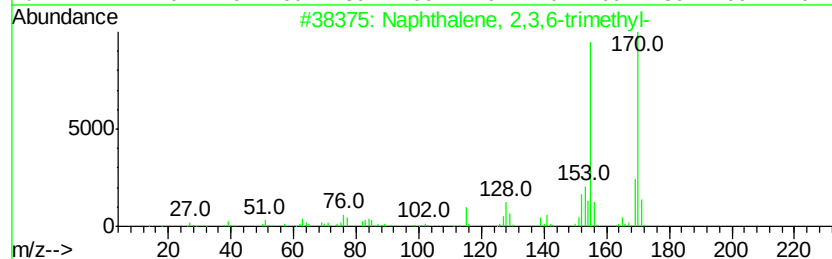
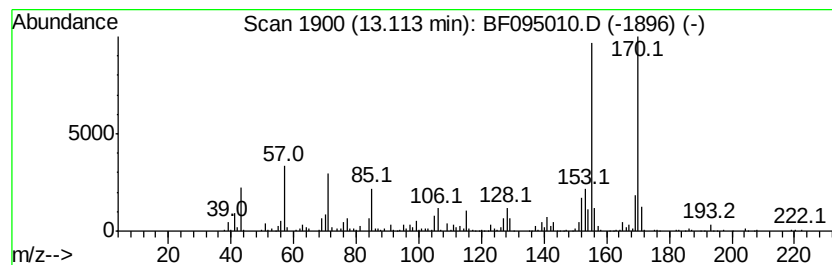
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Naphthalene, 1,4,5-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	25.38 ng	750742	Acenaphthene-d10	12.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
5		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	89



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
Data File : BF095010.D
Acq On : 9 May 2017 7:50
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Sample : I2881-01 10X
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Instrument :
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ClientSampleId :
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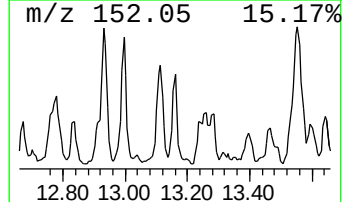
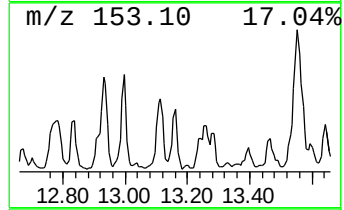
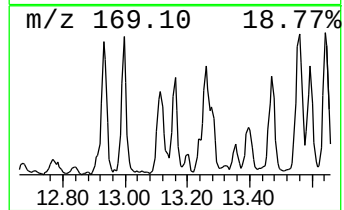
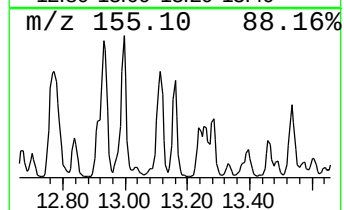
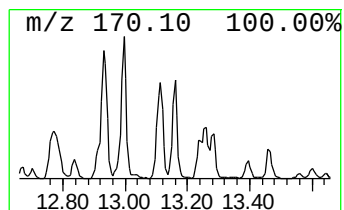
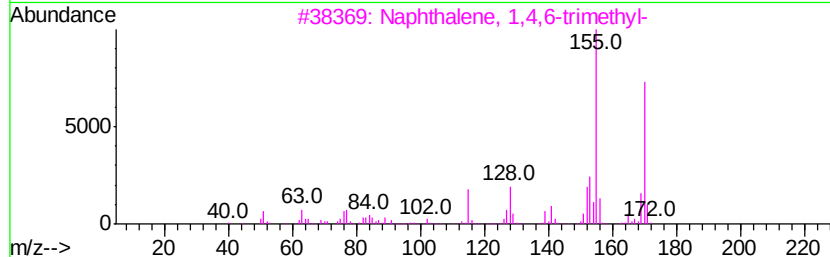
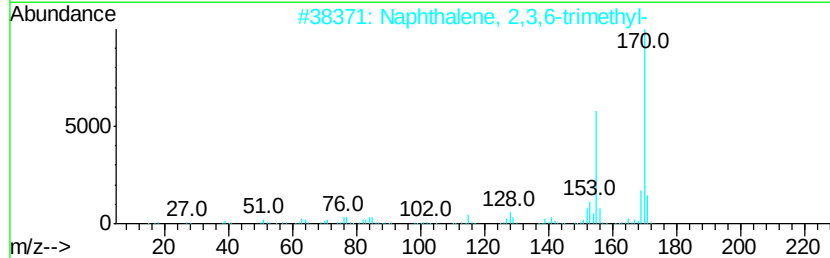
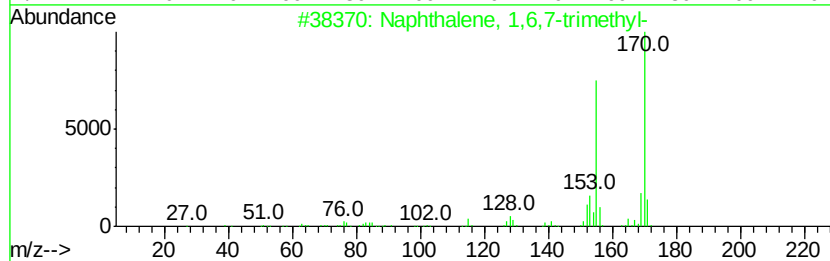
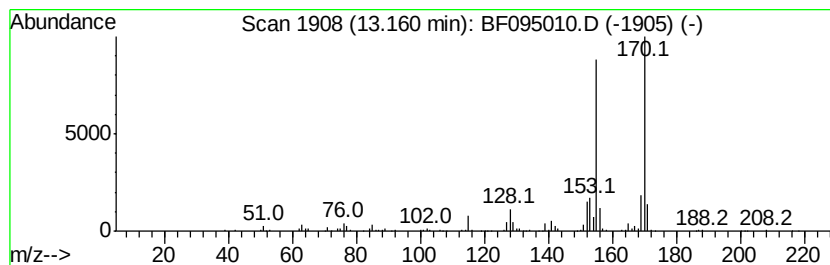
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Naphthalene, 1,6,7-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	17.46 ng	516492	Acenaphthene-d10	12.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	78



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
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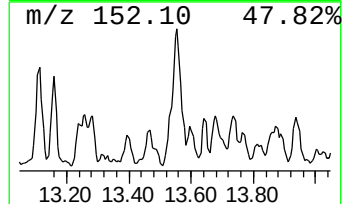
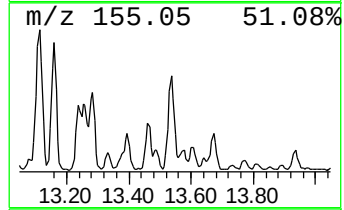
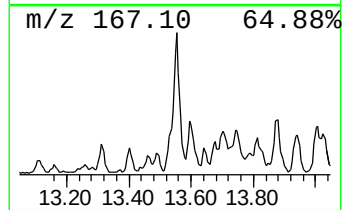
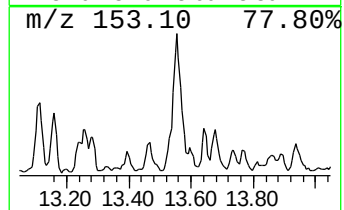
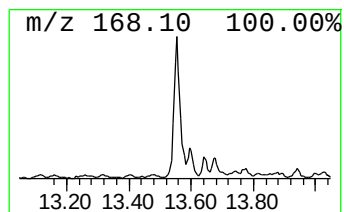
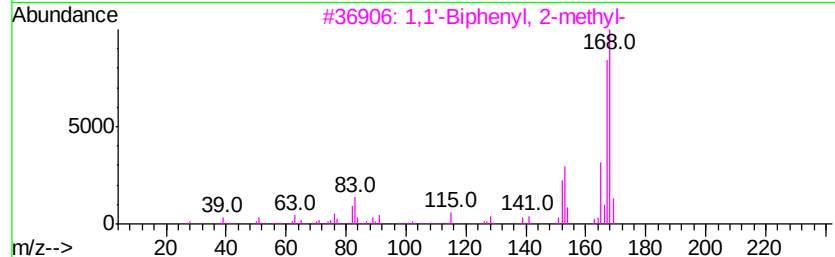
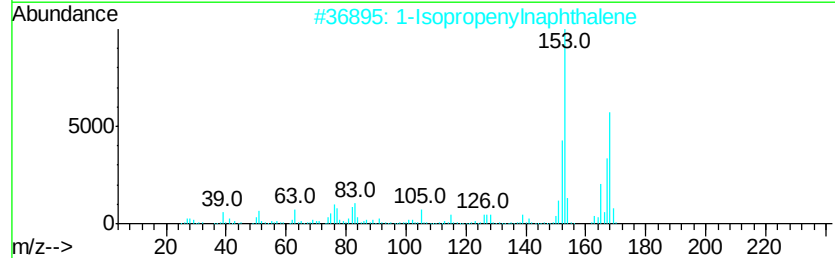
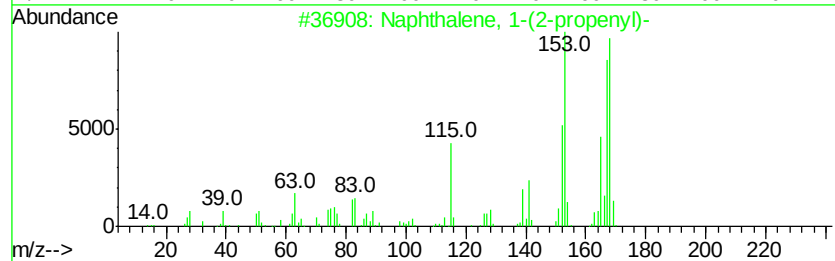
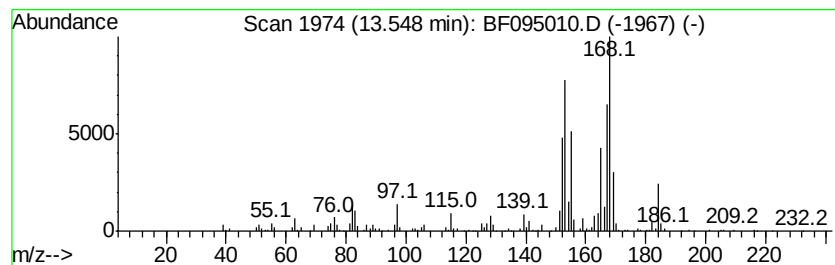
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Naphthalene, 1-(2-propenyl)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.55	29.70 ng	878507	Acenaphthene-d10	12.57	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	86
2	1-Isopropenyl naphthalene	168	C13H12	001855-47-6	49
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	49
4	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	47
5	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	41



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
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Misc :
ALS Vial : 27 Sample Multiplier: 1

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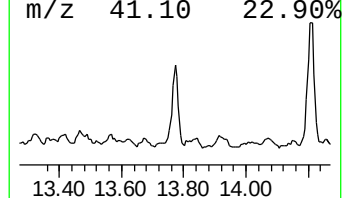
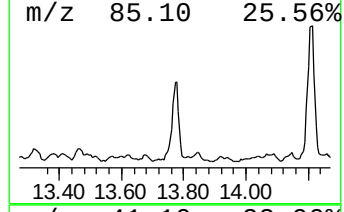
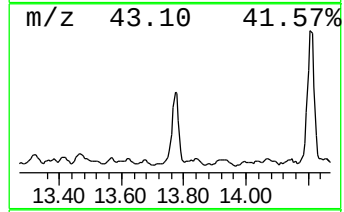
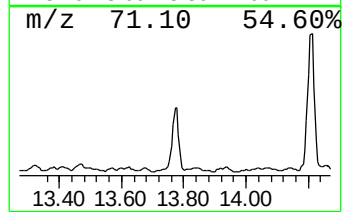
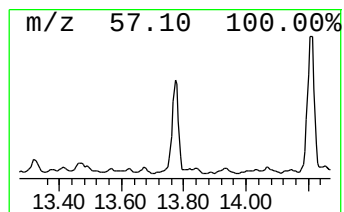
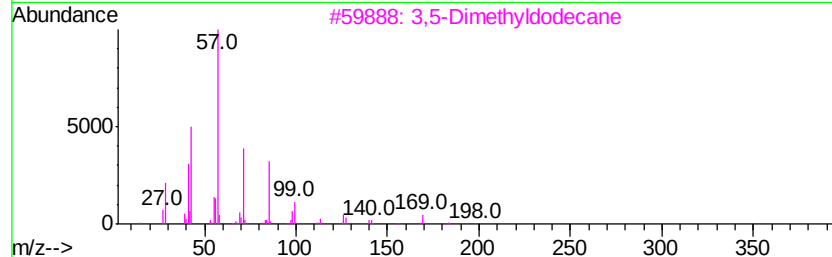
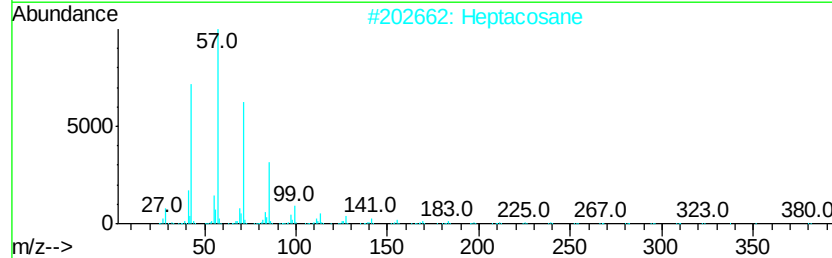
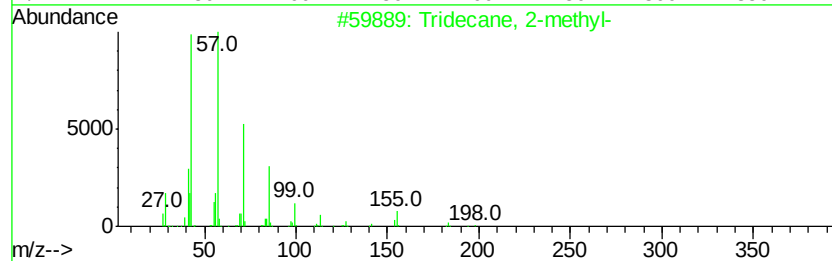
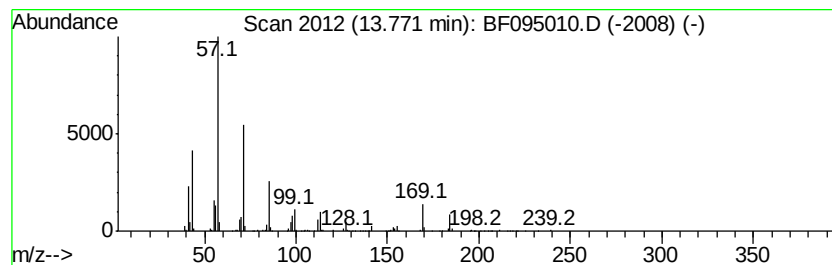
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tridecane, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	15.42 ng	1024770	Phenanthrene-d10	14.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	74
2		Heptacosane	380	C27H56	000593-49-7	72
3		3,5-Dimethyldodecane	198	C14H30	107770-99-0	64
4		Tridecane	184	C13H28	000629-50-5	58
5		Dodecane, 3-methyl-	184	C13H28	017312-57-1	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050817\
Data File : BF095010.D
Acq On : 9 May 2017 7:50
Operator : SJ/MA
Sample : I2881-01 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1050

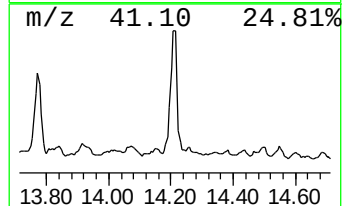
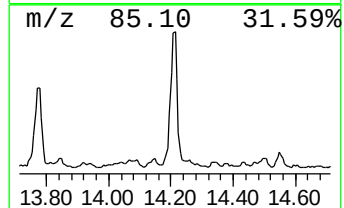
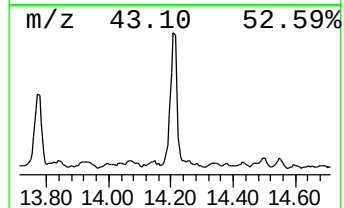
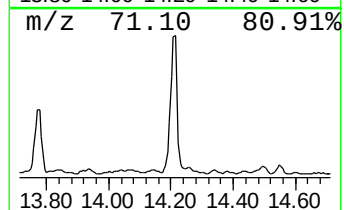
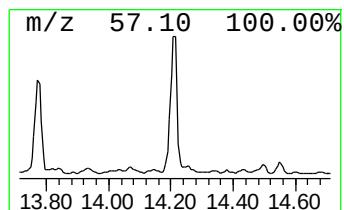
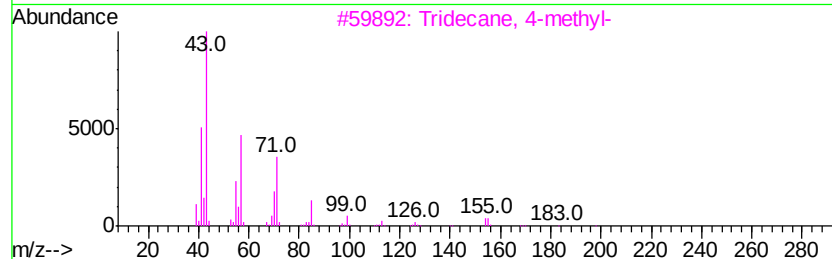
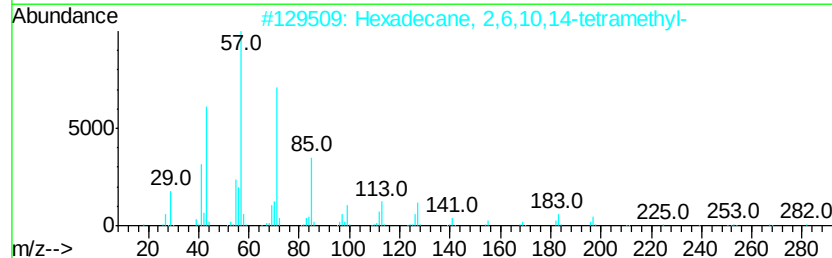
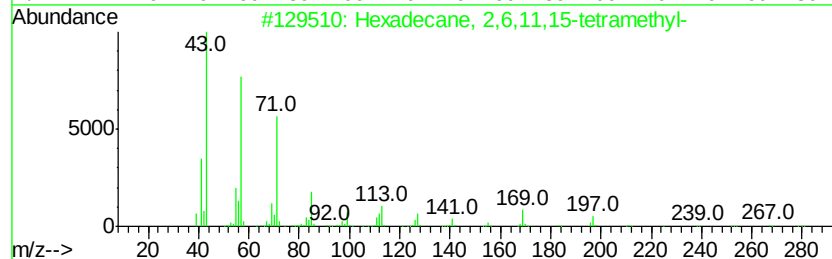
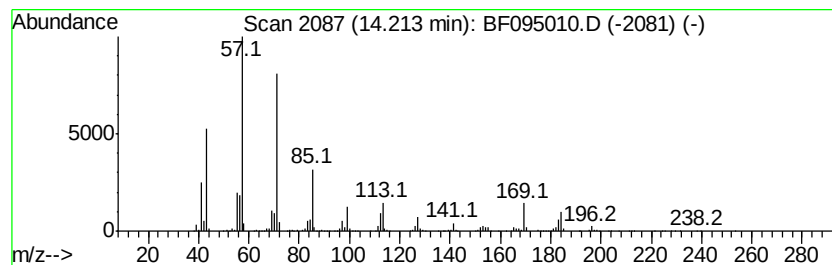
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Hexadecane, 2,6,11,15-tetra... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	28.70 ng	1907060	Phenanthrene-d10	14.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	80
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
3		Tridecane, 4-methyl-	198	C14H30	026730-12-1	74
4		Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	72
5		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050817\
 Data File : BF095010.D
 Acq On : 9 May 2017 7:50
 Operator : SJ/MA
 Sample : I2881-01 10X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1050

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.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
unknown7.38	7.38	15.7	ng	346802	1	7.71	442566	20.0
Heptylcyclohexane	11.27	14.9	ng	440045	3	12.57	591633	20.0
Naphthalene, 1,2,...	11.74	22.2	ng	656936	3	12.57	591633	20.0
Naphthalene, 1-et...	11.81	18.6	ng	549197	3	12.57	591633	20.0
Naphthalene, 2,3-...	12.04	21.9	ng	648109	3	12.57	591633	20.0
Naphthalene, 1,6-...	12.08	20.2	ng	596515	3	12.57	591633	20.0
unknown12.10	12.10	15.3	ng	453537	3	12.57	591633	20.0
Naphthalene, 1,8-...	12.21	15.5	ng	457712	3	12.57	591633	20.0
Hexadecane	12.25	46.8	ng	1383330	3	12.57	591633	20.0
unknown12.43	12.43	28.1	ng	832648	3	12.57	591633	20.0
Naphthalene, 2-(1...	12.77	20.4	ng	603341	3	12.57	591633	20.0
Naphthalene, 1,4,...	12.93	20.6	ng	610744	3	12.57	591633	20.0
Naphthalene, 2,3,...	13.00	21.8	ng	643638	3	12.57	591633	20.0
Naphthalene, 1,4,...	13.11	25.4	ng	750742	3	12.57	591633	20.0
Naphthalene, 1,6,...	13.16	17.5	ng	516492	3	12.57	591633	20.0
Naphthalene, 1-(2...	13.55	29.7	ng	878507	3	12.57	591633	20.0
Tridecane, 2-methyl-	13.77	15.4	ng	1024770	4	14.97	1328780	20.0
Hexadecane, 2,6,1...	14.21	28.7	ng	1907060	4	14.97	1328780	20.0