

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072717\
 Data File : BF097121.D
 Acq On : 27 Jul 2017 14:38
 Operator : SJ/JU
 Sample : I4421-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-M6-WSW

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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	2.663	131	132	142	rBV2	36621	83505	2.90%	0.208%
2	4.634	463	467	476	rBV	249324	392864	13.67%	0.980%
3	5.092	540	545	554	rBV	2415415	2525559	87.85%	6.298%
4	6.151	720	725	735	rBV	2369196	2874746	100.00%	7.169%
5	6.228	735	738	740	rVV	176188	169021	5.88%	0.421%
6	6.263	740	744	747	rVV	2526715	2437357	84.79%	6.078%
7	6.486	778	782	790	rVV	755294	706508	24.58%	1.762%
8	6.645	804	809	815	rBV	1984449	2049013	71.28%	5.109%
9	6.816	835	838	847	rVB	105675	108274	3.77%	0.270%
10	7.057	870	879	882	rBV	1809814	1921437	66.84%	4.791%
11	7.292	917	919	924	rVB	105533	95011	3.31%	0.237%
12	7.510	952	956	960	rBV3	80853	104656	3.64%	0.261%
13	7.604	967	972	976	rVB3	58951	91854	3.20%	0.229%
14	7.651	976	980	983	rBV	88140	84014	2.92%	0.209%
15	7.769	997	1000	1002	rVV	927191	916711	31.89%	2.286%
16	7.792	1002	1004	1012	rVV	1051197	950540	33.07%	2.370%
17	7.869	1012	1017	1021	rVB2	57958	96317	3.35%	0.240%
18	7.957	1028	1032	1036	rBV3	84480	96176	3.35%	0.240%
19	8.051	1041	1048	1051	rVV4	84560	176424	6.14%	0.440%
20	8.163	1064	1067	1070	rVV	133214	117149	4.08%	0.292%
21	8.222	1073	1077	1079	rBV3	136444	179328	6.24%	0.447%
22	8.398	1103	1107	1109	rBV3	72428	78998	2.75%	0.197%
23	8.486	1117	1122	1125	rVB	1065793	1062532	36.96%	2.650%
24	8.580	1134	1138	1142	rBV	782204	726159	25.26%	1.811%
25	8.763	1164	1169	1171	rBV	131864	143332	4.99%	0.357%
26	8.816	1175	1178	1179	rVV	170109	129704	4.51%	0.323%
27	8.851	1179	1184	1187	rVB	2366355	2255985	78.48%	5.626%
28	8.945	1196	1200	1204	rBV	309502	272532	9.48%	0.680%
29	8.992	1206	1208	1211	rBV	112441	81308	2.83%	0.203%
30	9.039	1214	1216	1221	rVB2	156680	205789	7.16%	0.513%
31	9.104	1223	1227	1232	rBV3	282411	423107	14.72%	1.055%
32	9.157	1233	1236	1237	rBV2	102975	83318	2.90%	0.208%
33	9.180	1237	1240	1242	rVV2	352684	364543	12.68%	0.909%
34	9.204	1242	1244	1246	rVV2	236709	241147	8.39%	0.601%

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35	9.227	1246	1248	1249	rVV	217400	171364	5.96%	0.427%
36	9.245	1249	1251	1253	rVV	502541	454217	15.80%	1.133%
37	9.269	1253	1255	1257	rVV2	319572	284865	9.91%	0.710%
38	9.298	1257	1260	1264	rVB3	265111	284791	9.91%	0.710%
39	9.374	1270	1273	1275	rBV3	204923	245367	8.54%	0.612%
40	9.427	1279	1282	1287	rVB2	273957	277270	9.65%	0.691%
41	9.474	1287	1290	1292	rBV	252359	276622	9.62%	0.690%
42	9.516	1292	1297	1301	rVB3	811346	901377	31.36%	2.248%
43	9.622	1312	1315	1321	rVB3	197574	285132	9.92%	0.711%
44	9.680	1321	1325	1326	rBV3	139310	155500	5.41%	0.388%
45	9.698	1326	1328	1330	rVV2	150435	122216	4.25%	0.305%
46	9.722	1330	1332	1335	rVV3	160449	167458	5.83%	0.418%
47	9.763	1337	1339	1343	rVV2	186136	188536	6.56%	0.470%
48	9.792	1343	1344	1347	rVB2	184609	139114	4.84%	0.347%
49	9.839	1348	1352	1354	rBV2	198921	242877	8.45%	0.606%
50	9.863	1354	1356	1359	rVB	105557	83456	2.90%	0.208%
51	9.898	1359	1362	1364	rBV3	169977	213920	7.44%	0.533%
52	9.922	1364	1366	1368	rVV3	207701	166876	5.80%	0.416%
53	9.974	1372	1375	1377	rBV	120904	97830	3.40%	0.244%
54	10.033	1382	1385	1387	rVV3	256193	284935	9.91%	0.711%
55	10.057	1387	1389	1391	rVV3	155599	156864	5.46%	0.391%
56	10.086	1391	1394	1397	rVV3	139739	193365	6.73%	0.482%
57	10.127	1398	1401	1405	rVV6	223565	303993	10.57%	0.758%
58	10.192	1407	1412	1415	rVV4	228468	341778	11.89%	0.852%
59	10.233	1415	1419	1423	rVB6	136947	235904	8.21%	0.588%
60	10.304	1427	1431	1435	rBV	1144456	1118117	38.89%	2.788%
61	10.363	1439	1441	1444	rVB	264520	194253	6.76%	0.484%
62	10.421	1448	1451	1454	rBV3	143976	227702	7.92%	0.568%
63	10.457	1454	1457	1460	rVB	382898	398846	13.87%	0.995%
64	10.521	1463	1468	1470	rBV4	98724	164139	5.71%	0.409%
65	10.551	1470	1473	1476	rVB2	139539	141578	4.92%	0.353%
66	10.604	1477	1482	1485	rBV5	144252	290933	10.12%	0.725%
67	10.633	1485	1487	1494	rVB6	109038	116785	4.06%	0.291%
68	10.716	1499	1501	1505	rVV5	117342	184416	6.42%	0.460%
69	10.751	1505	1507	1513	rVV5	132078	189549	6.59%	0.473%
70	10.839	1519	1522	1525	rVV	138974	188013	6.54%	0.469%
71	10.868	1525	1527	1529	rVV3	100815	105028	3.65%	0.262%

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72	10.916	1533	1535	1540	rVB2	162236	175149	6.09%	0.437%
73	10.986	1544	1547	1550	rVV	614624	588091	20.46%	1.466%
74	11.010	1550	1551	1555	rVV	271813	207313	7.21%	0.517%
75	11.063	1558	1560	1565	rVV	117088	102900	3.58%	0.257%
76	11.316	1600	1603	1606	rBV3	73194	87376	3.04%	0.218%
77	11.545	1639	1642	1644	rVV	208602	169442	5.89%	0.423%
78	11.598	1648	1651	1654	rBV	90275	109839	3.82%	0.274%
79	12.192	1749	1752	1758	rBV	527310	492269	17.12%	1.228%
80	12.327	1771	1775	1780	rBV3	99819	140666	4.89%	0.351%
81	12.415	1786	1790	1793	rBV	482387	493762	17.18%	1.231%
82	12.574	1813	1817	1820	rVV	1685013	1599256	55.63%	3.988%
83	12.645	1824	1829	1832	rBV3	44842	83130	2.89%	0.207%
84	12.862	1861	1866	1872	rVB2	80331	159189	5.54%	0.397%
85	13.480	1969	1971	1978	rVB	204665	246690	8.58%	0.615%
86	13.610	1988	1993	1996	rBV2	711041	830725	28.90%	2.072%
87	13.633	1996	1997	2000	rVB	185089	147861	5.14%	0.369%
88	13.851	2030	2034	2035	rBV3	125023	158006	5.50%	0.394%
89	14.274	2102	2106	2110	rBV5	70033	140582	4.89%	0.351%
90	14.521	2145	2148	2150	rVB2	106061	111512	3.88%	0.278%
91	14.604	2158	2162	2169	rBV	262677	429522	14.94%	1.071%
92	14.692	2175	2177	2183	rBV2	99469	144806	5.04%	0.361%
93	14.851	2203	2204	2210	rVB	118742	142753	4.97%	0.356%
94	14.909	2210	2214	2217	rBV	211838	231974	8.07%	0.578%
95	14.962	2219	2223	2230	rBV	433281	495184	17.23%	1.235%
96	16.027	2401	2404	2414	rBV	68288	205004	7.13%	0.511%
97	16.186	2426	2431	2436	rVB	107550	189979	6.61%	0.474%
98	16.309	2450	2452	2459	rBV7	42015	74979	2.61%	0.187%
99	16.539	2487	2491	2499	rBV	93927	220338	7.66%	0.549%
100	18.962	2901	2903	2908	rBV5	40930	84201	2.93%	0.210%

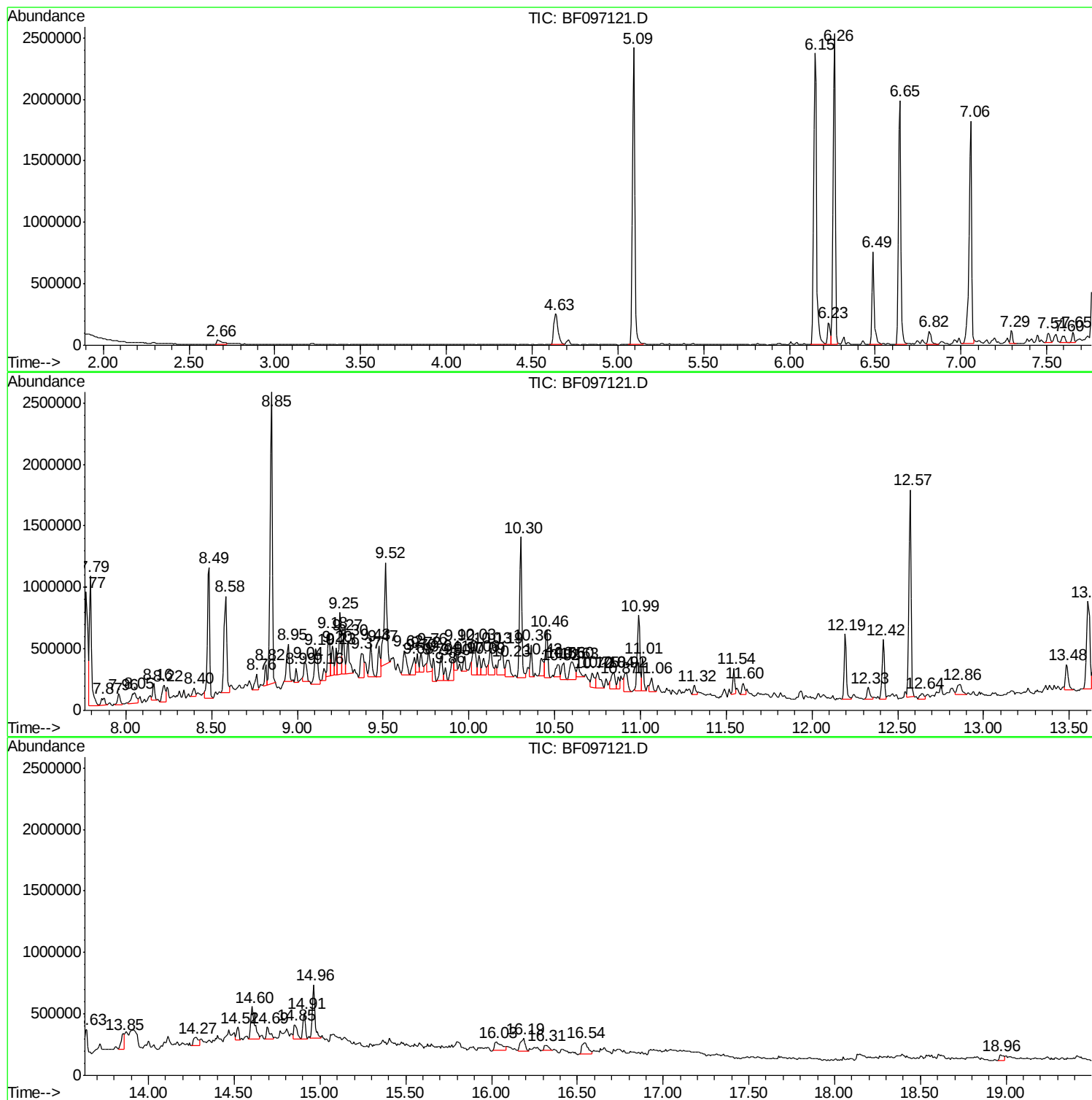
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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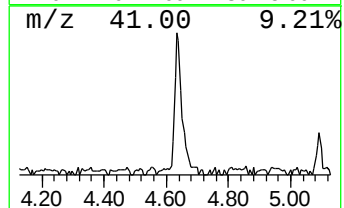
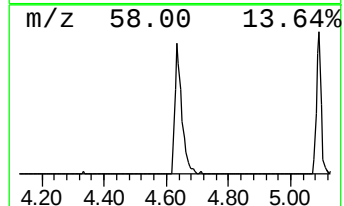
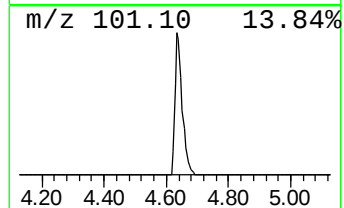
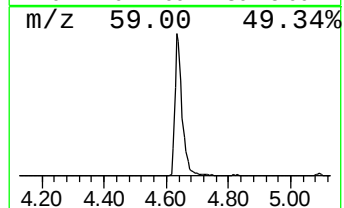
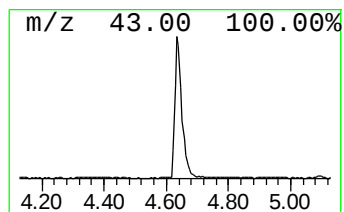
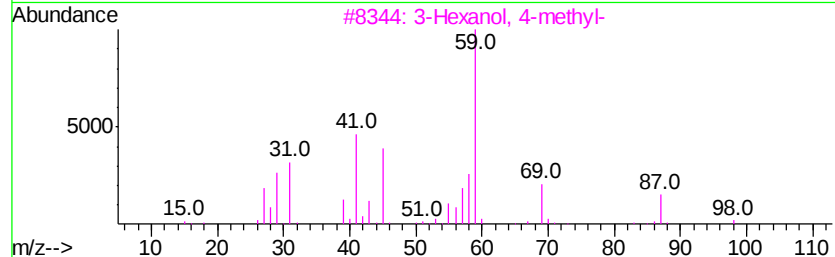
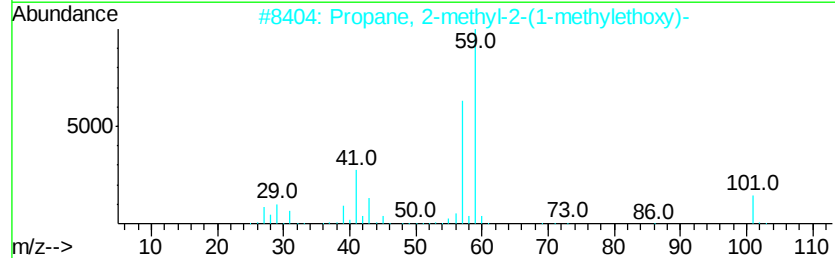
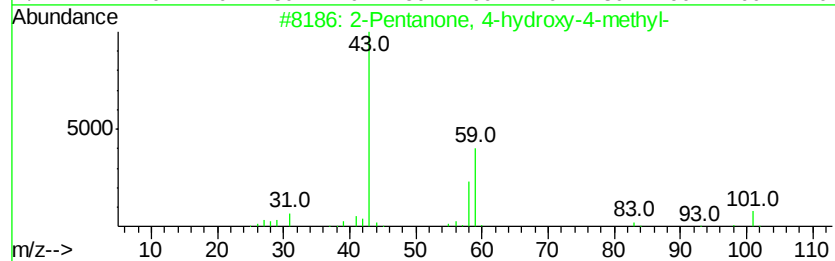
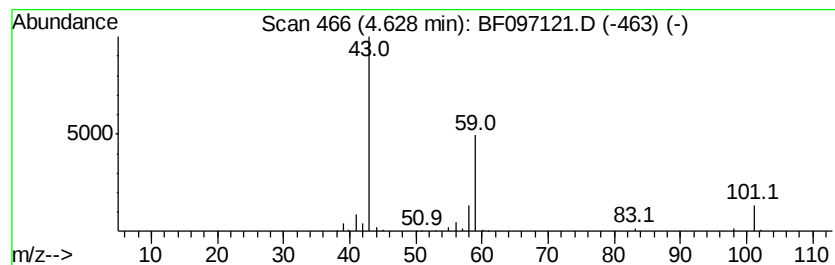
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.63	11.12 ng	392864	1,4-Dichlorobenzene-d4	6.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Propane, 2-methyl-2-(1-methylethoxy)-	116	C7H16O	017348-59-3	36
3		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5		Acetic acid, cyano-, 1,1-dimethyl-	141	C7H11NO2	001116-98-9	25



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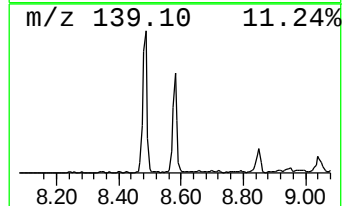
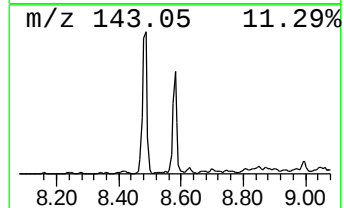
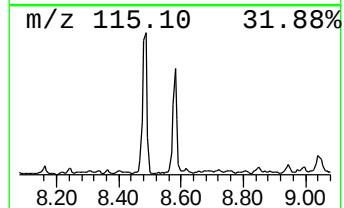
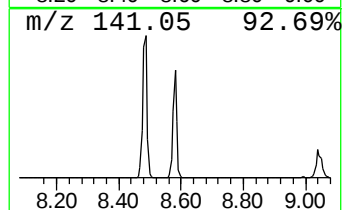
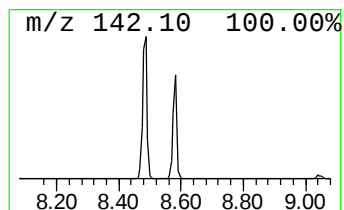
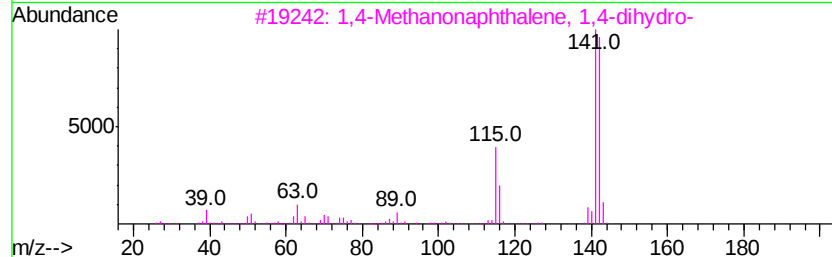
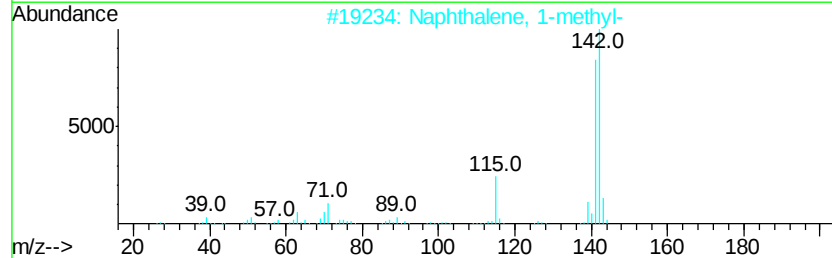
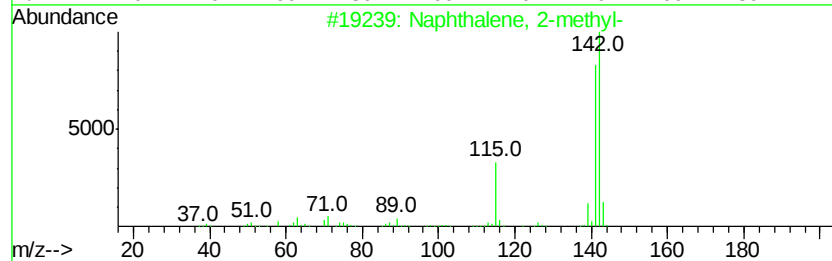
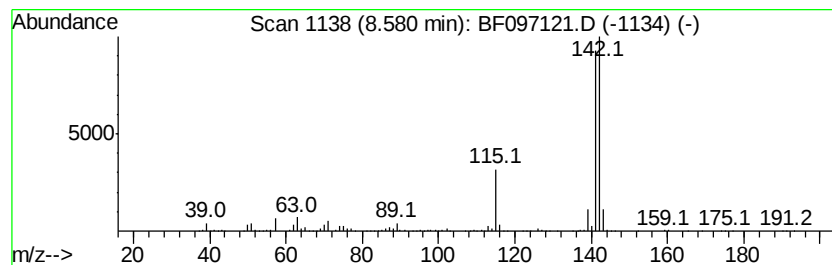
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.58	15.84 ng	726159	Naphthalene-d8	7.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
3		1,4-Methanonaphthalene, 1,4-dihv...	142	C11H10	004453-90-1	91
4		Benzocycloheptatriene	142	C11H10	000264-09-5	91
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64



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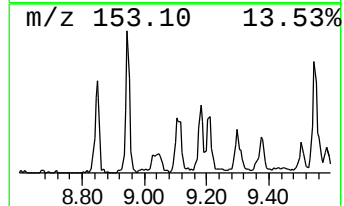
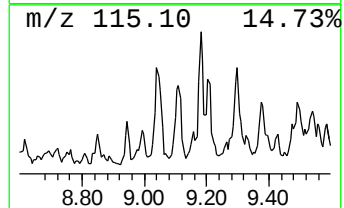
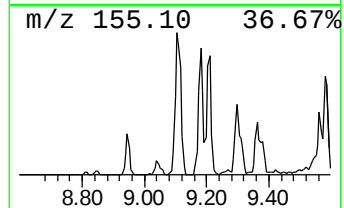
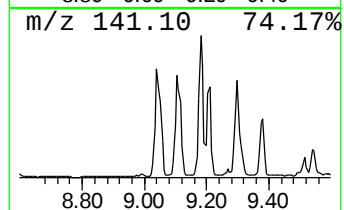
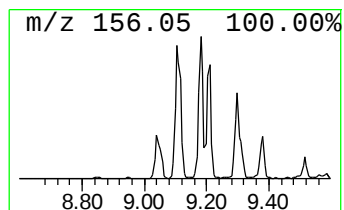
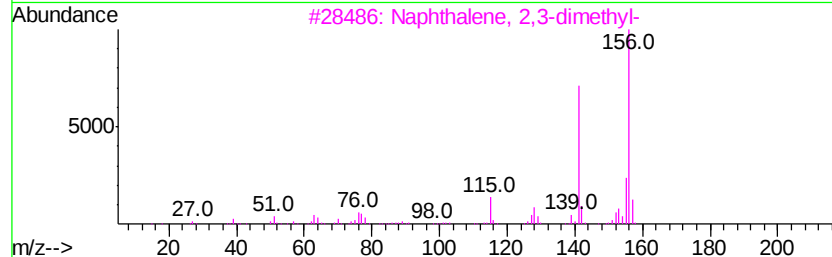
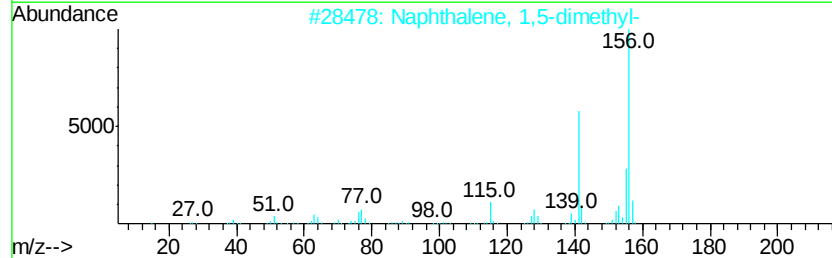
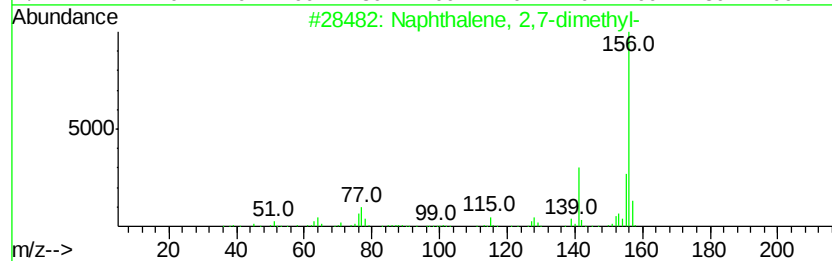
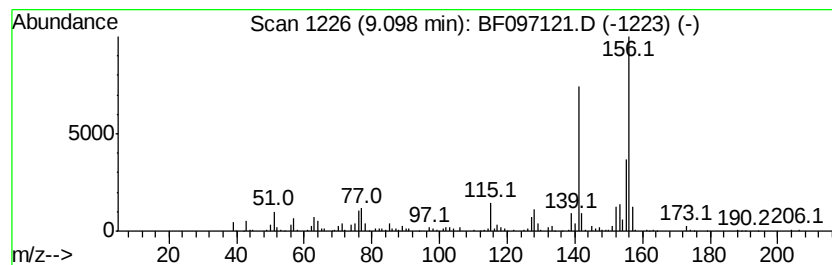
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Peak Number 3 Naphthalene, 2,7-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	9.39 ng	423107	Acenaphthene-d10	9.52
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 97
2		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 97
3		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
4		Naphthalene, 1,2-dimethyl-	156 C12H12	000573-98-8 96
5		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072717\
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Acq On : 27 Jul 2017 14:38
Operator : SJ/JU
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ClientSampleId :
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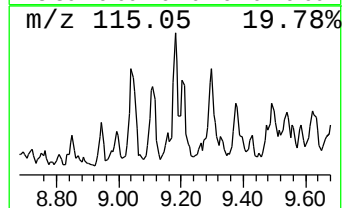
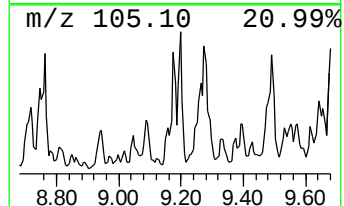
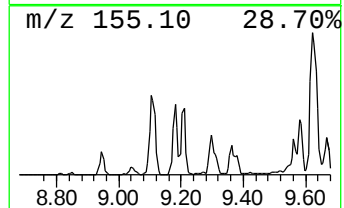
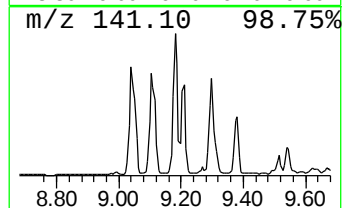
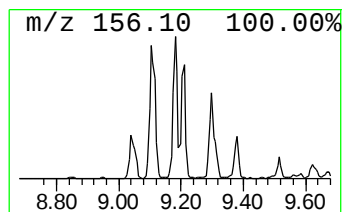
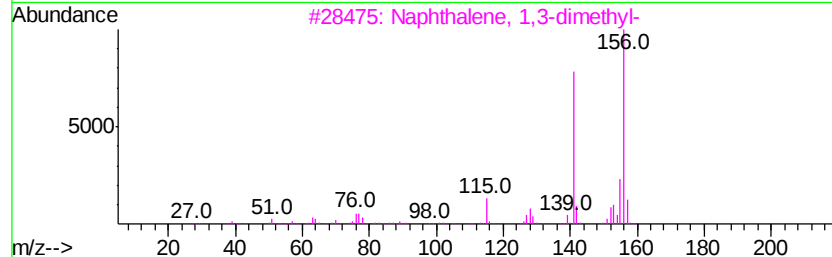
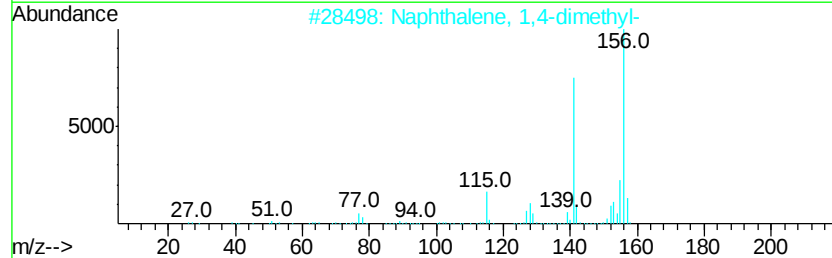
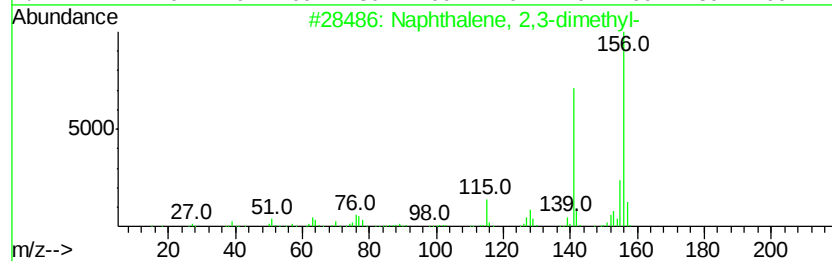
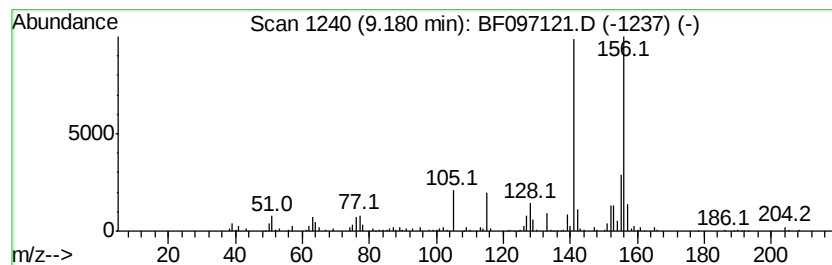
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.18	8.09 ng	364543	Acenaphthene-d10	9.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
2		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072717\
Data File : BF097121.D
Acq On : 27 Jul 2017 14:38
Operator : SJ/JU
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Misc :
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Instrument :
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ClientSampleId :
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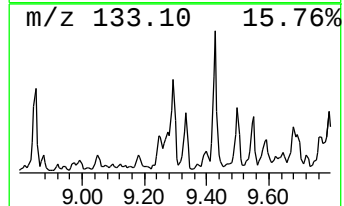
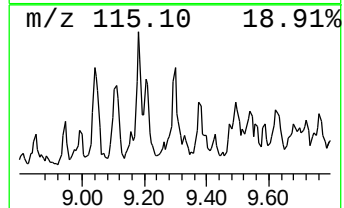
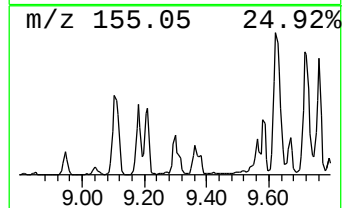
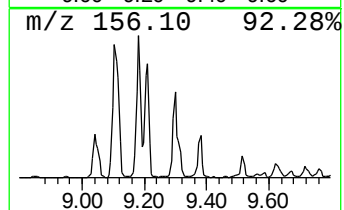
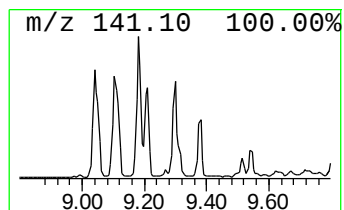
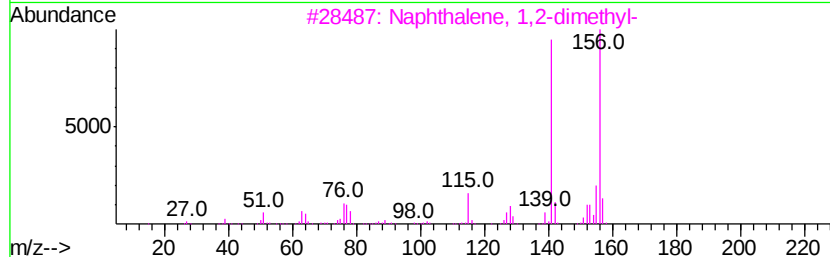
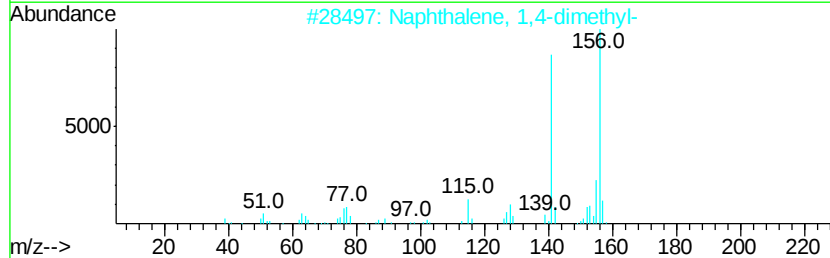
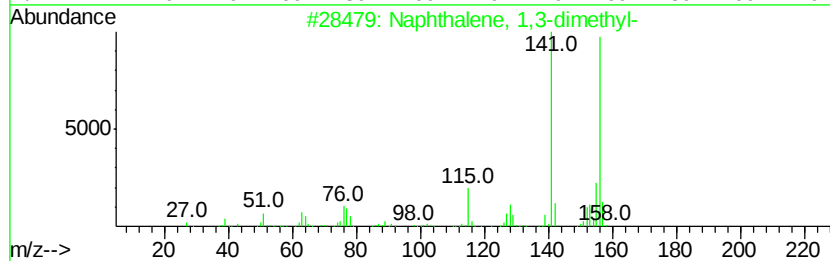
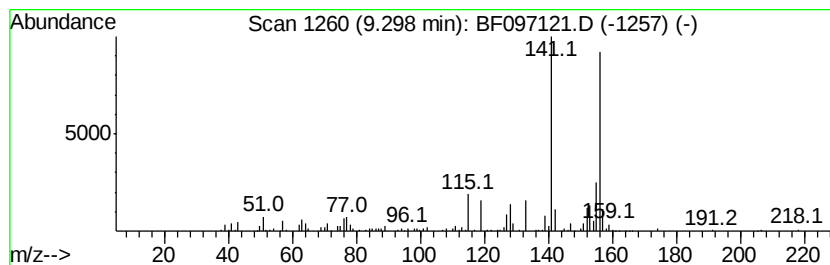
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 1,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.30	6.32 ng	284791	Acenaphthene-d10	9.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	94
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072717\
Data File : BF097121.D
Acq On : 27 Jul 2017 14:38
Operator : SJ/JU
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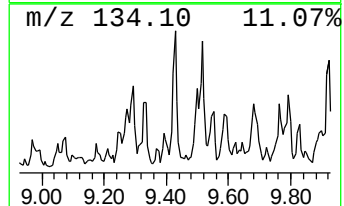
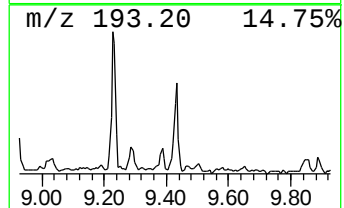
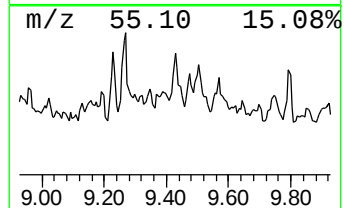
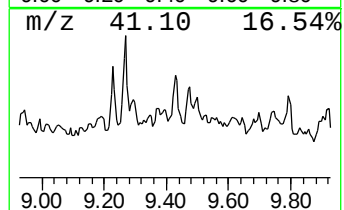
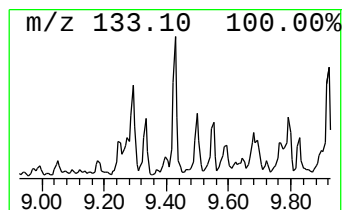
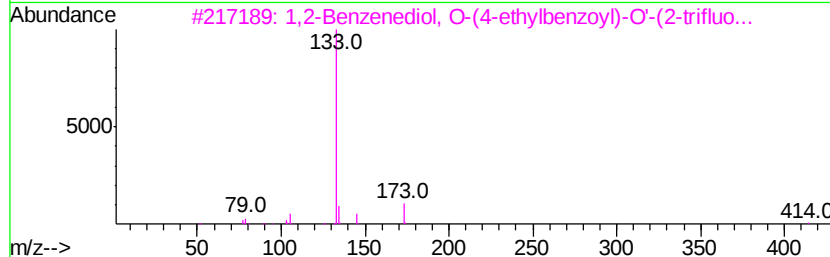
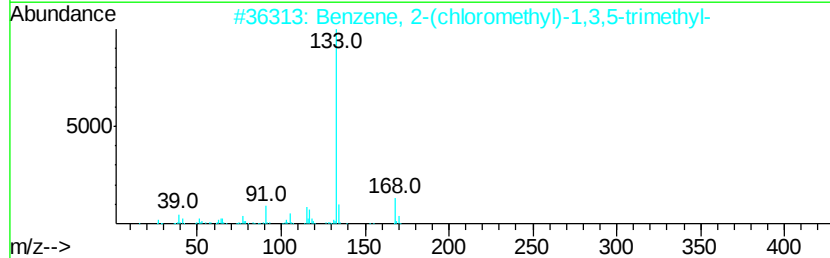
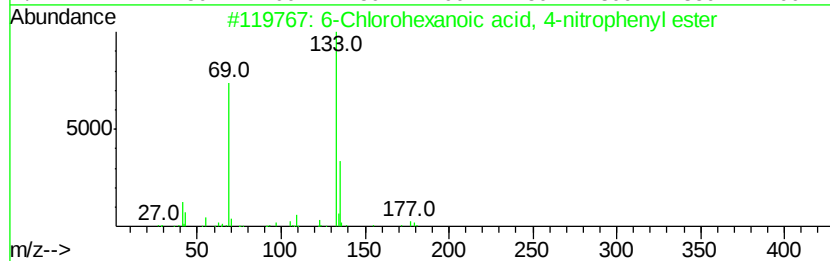
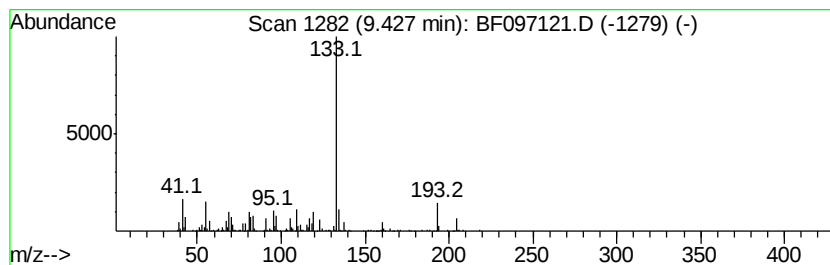
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 6-Chlorohexanoic acid, 4-ni... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	6.15 ng	277270	Acenaphthene-d10	9.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6-Chlorohexanoic acid, 4-nitroph...	271	C12H14ClNO4	1000307-62-5	50
2		Benzene, 2-(chloromethyl)-1,3,5-...	168	C10H13Cl	001585-16-6	47
3		1,2-Benzenediol, O-(4-ethylbenzo...	414	C23H17F3O4	1000330-50-5	47
4		L-Valine, N-(4-ethylbenzoyl)-, d...	389	C24H39NO3	1000346-63-3	47
5		Benzene, 1,3,5-trimethyl-2-propyl-	162	C12H18	004810-04-2	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072717\
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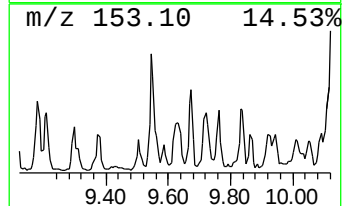
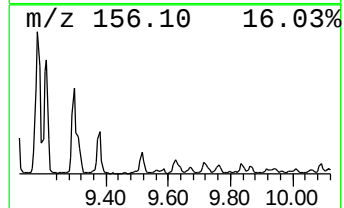
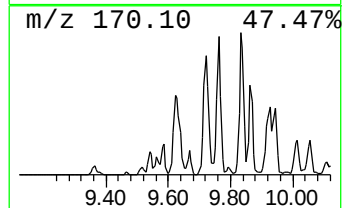
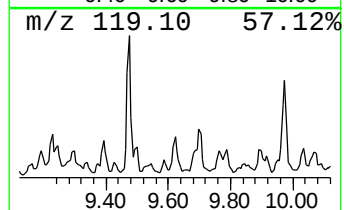
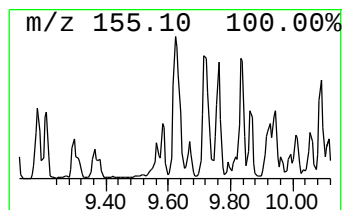
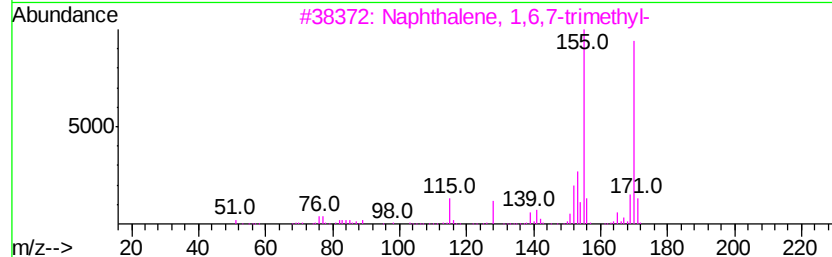
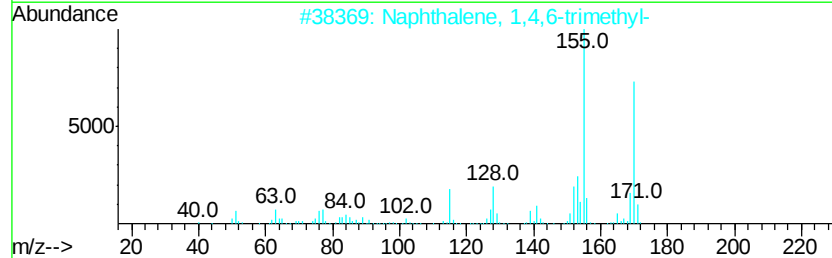
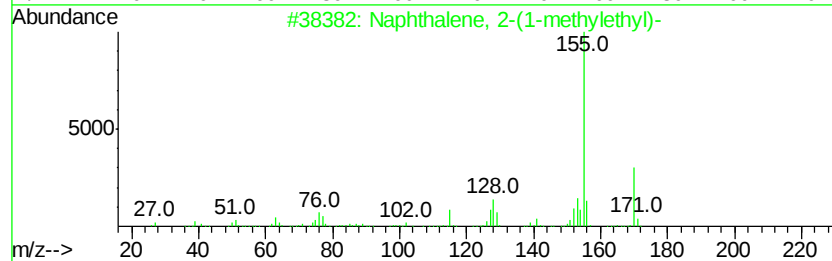
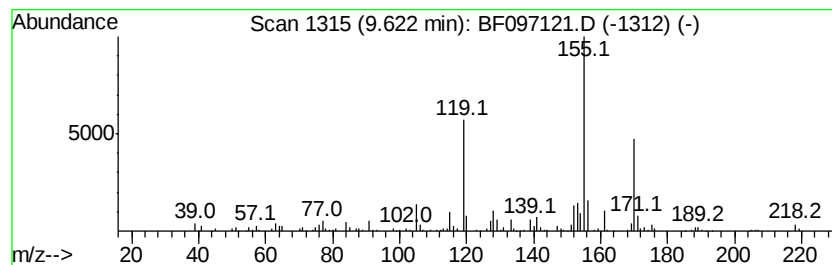
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 2-(1-methyleth... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	6.33 ng	285132	Acenaphthene-d10	9.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	89
2		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	70
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	70
4		4a,8a-Methanonaphthalene, 9,9-di...	170	C13H14	038963-97-2	62
5		Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	55



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072717\
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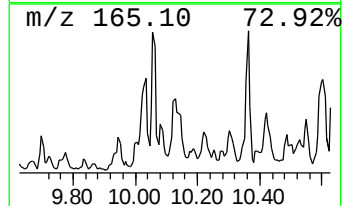
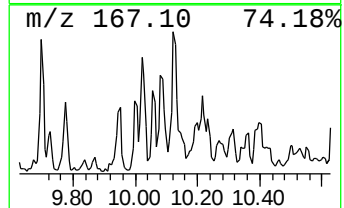
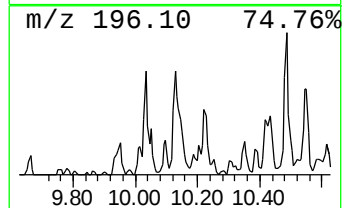
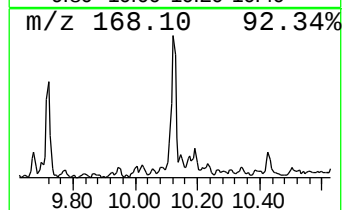
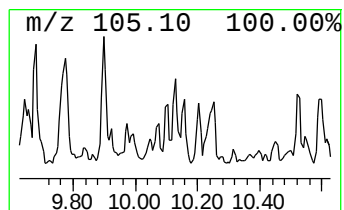
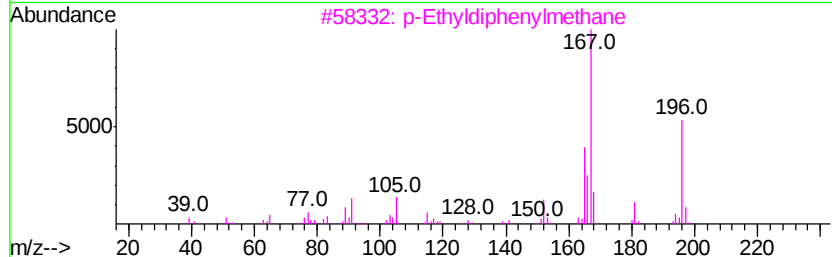
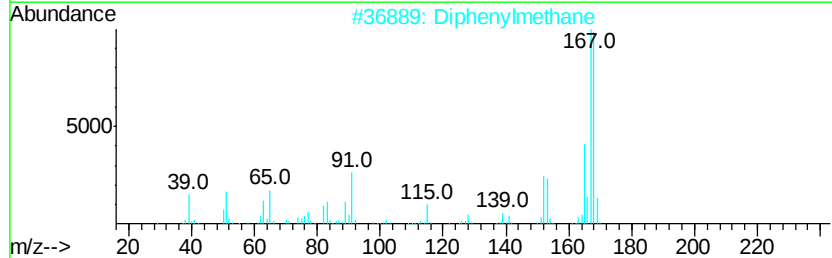
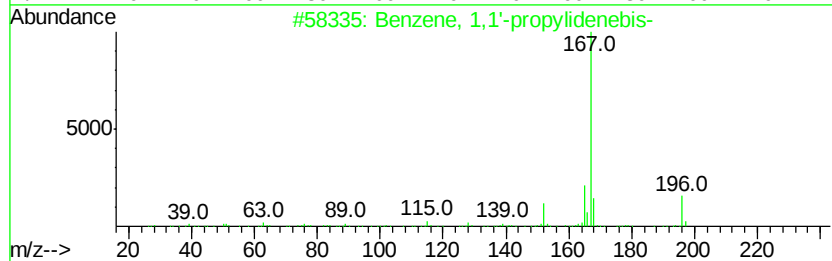
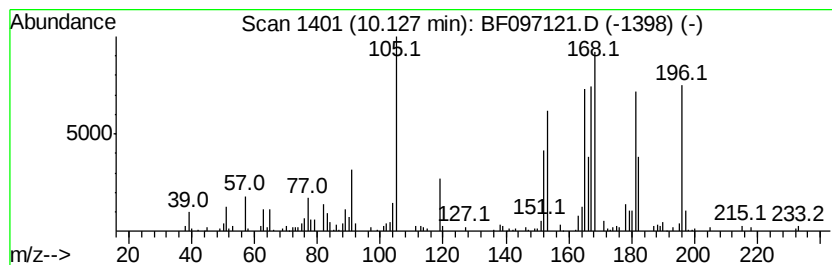
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown10.13 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.13	6.75 ng	303993	Acenaphthene-d10	9.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,1'-propylidenebis-	196	C15H16	001530-03-6	38
2		Diphenylmethane	168	C13H12	000101-81-5	38
3		p-Ethylidiphenylmethane	196	C15H16	000620-85-9	30
4		1,1'-Biphenyl, 4-(1-methylethyl)-	196	C15H16	007116-95-2	30
5		Oxirane, 2,3-diphenyl-	196	C14H12O	017619-97-5	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072717\
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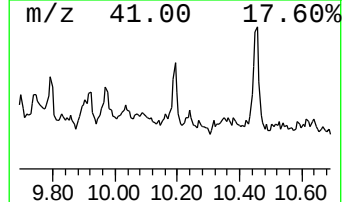
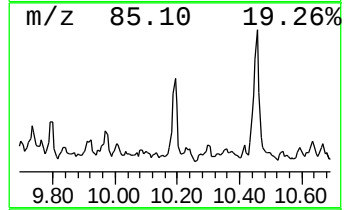
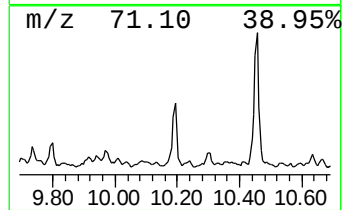
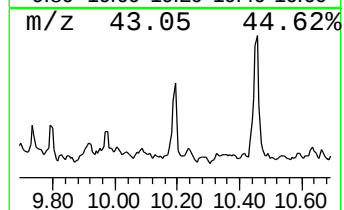
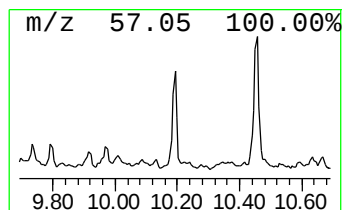
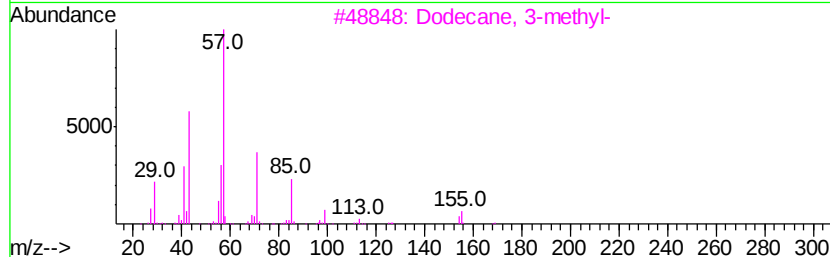
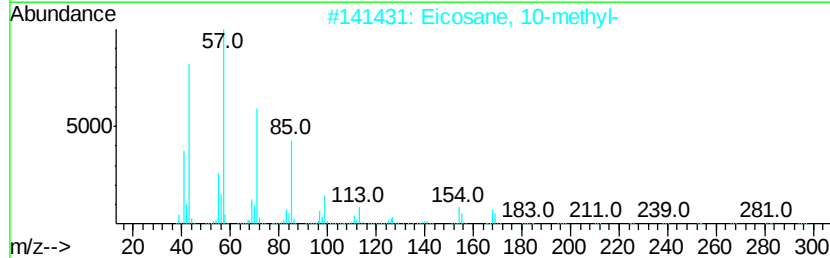
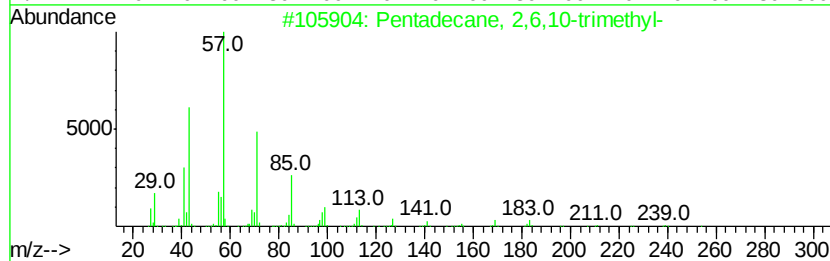
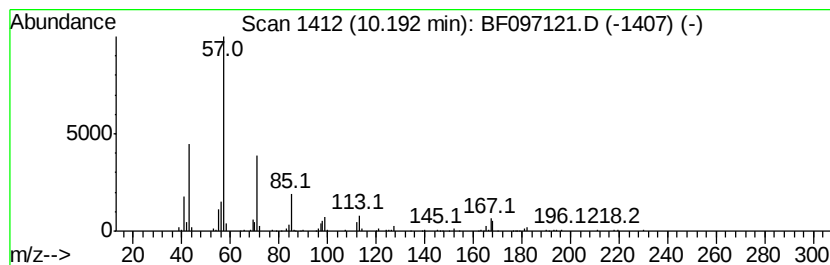
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Pentadecane, 2,6,10-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.19	7.58 ng	341778	Acenaphthene-d10	9.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	64
2		Eicosane, 10-methyl-	296	C21H44	054833-23-7	59
3		Dodecane, 3-methyl-	184	C13H28	017312-57-1	59
4		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	59
5		Octacosane	394	C28H58	000630-02-4	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072717\
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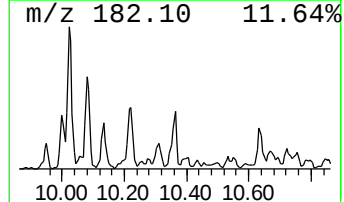
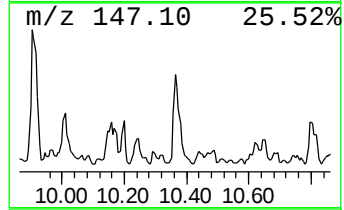
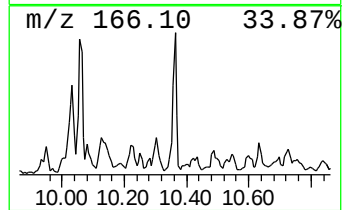
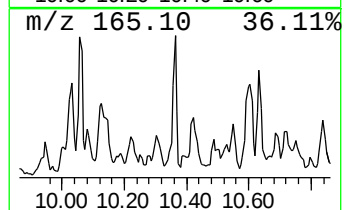
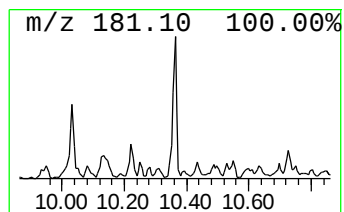
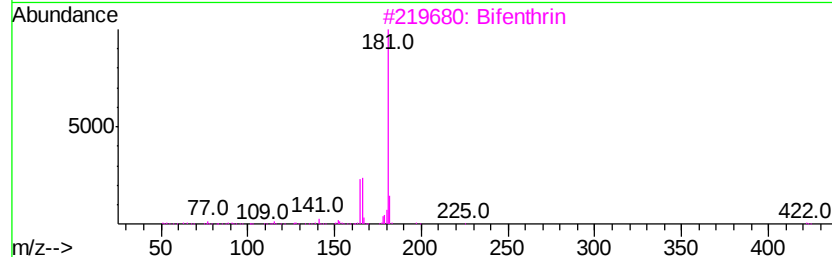
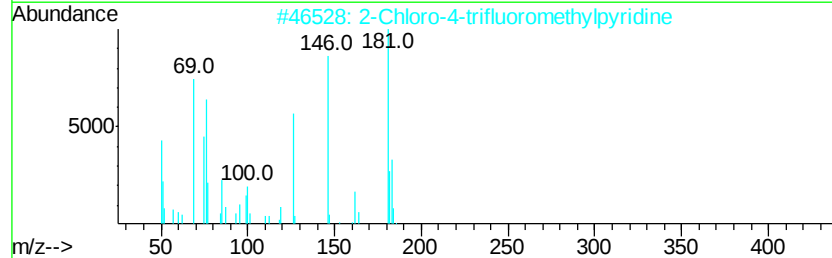
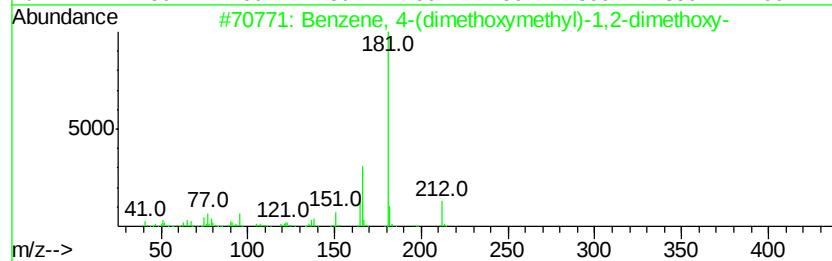
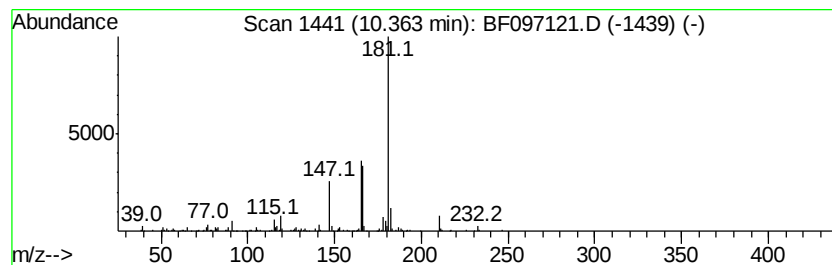
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ClientSampleId :
E2-M6-WSW

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzene, 4-(dimethoxymethyl)... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.36	6.61 ng	194253	Phenanthrene-d10	10.99	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-(dimethoxymethyl)-1,2...	212	C11H16O4	059276-33-4	53
2	2-Chloro-4-trifluoromethylpyridine	181	C6H3ClF3N	081565-18-6	46
3	Bifenthrin	422	C23H22ClF3O2	082657-04-3	45
4	Acetonitrile, (3-chloro-5,5-dime...	181	C10H12ClN	076399-17-2	43
5	2-Azafluorenone	181	C12H7NO	005061-91-6	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072717\
Data File : BF097121.D
Acq On : 27 Jul 2017 14:38
Operator : SJ/JU
Sample : I4421-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

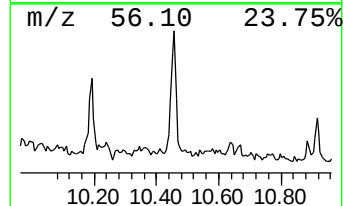
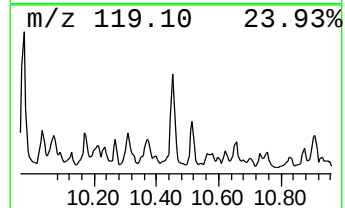
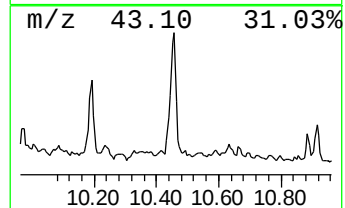
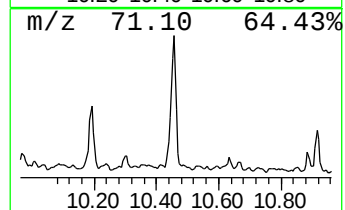
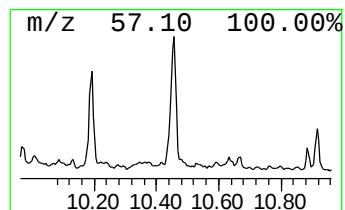
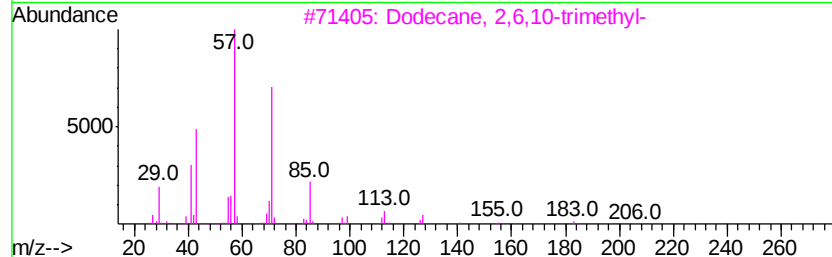
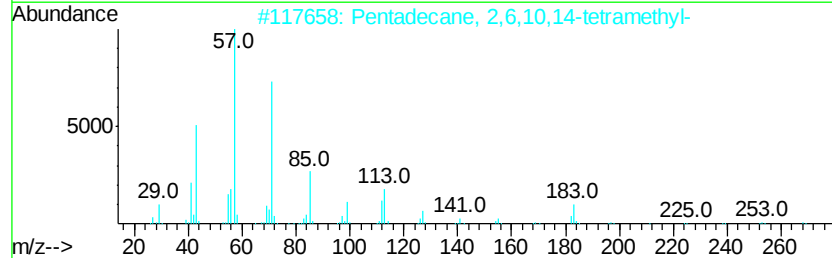
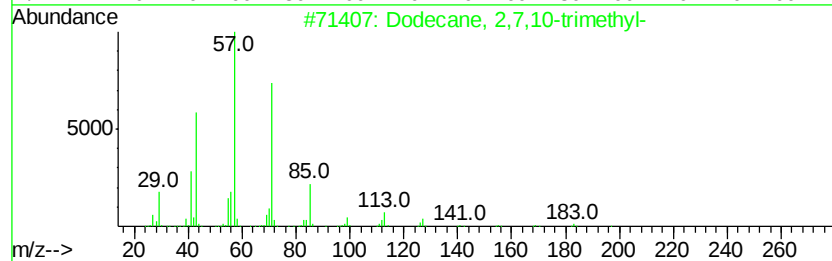
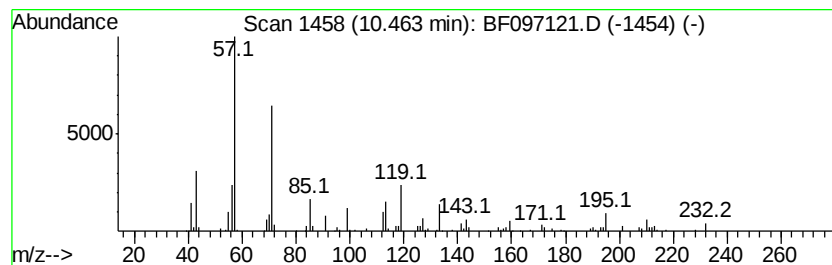
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Dodecane, 2,7,10-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.46	13.56 ng	398846	Phenanthrene-d10		10.99	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	50	
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	50	
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	47	
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	47	
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	43	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072717\
Data File : BF097121.D
Acq On : 27 Jul 2017 14:38
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Instrument :
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ClientSampleId :
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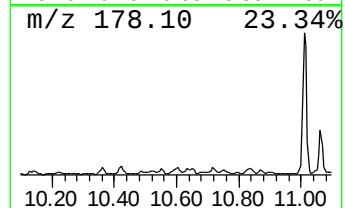
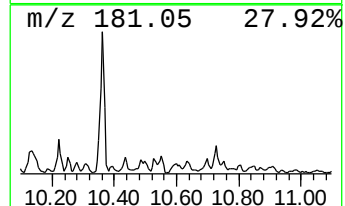
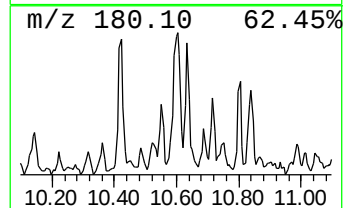
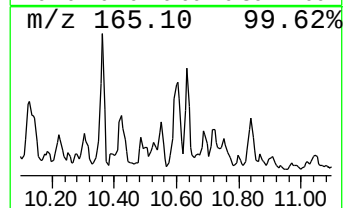
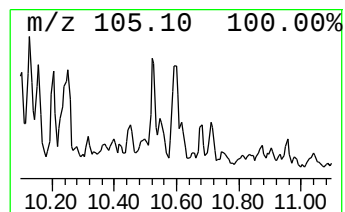
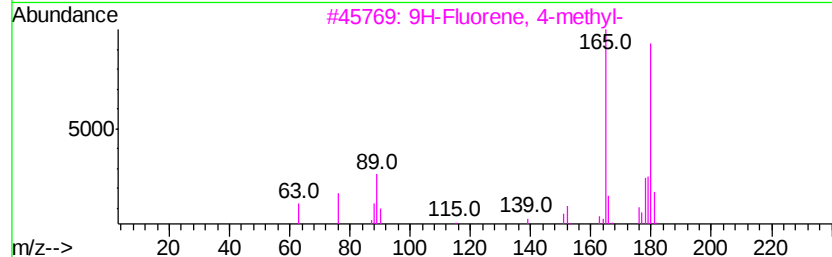
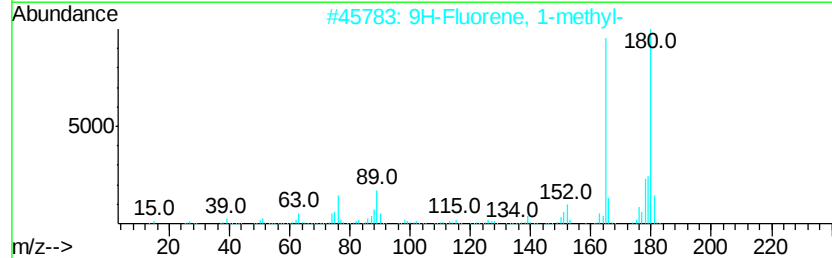
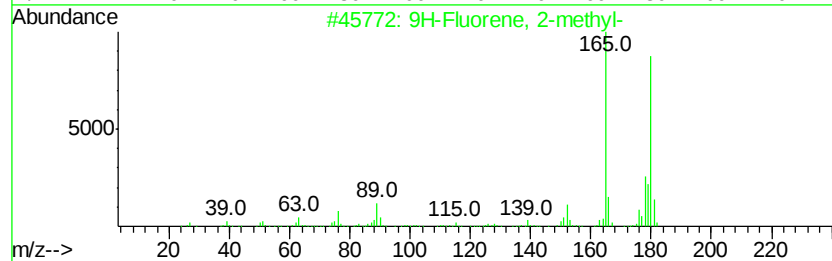
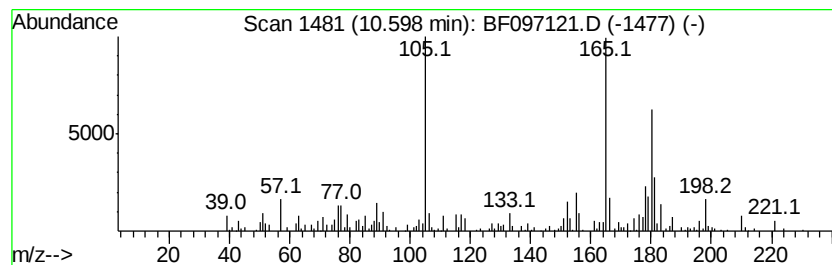
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 9H-Fluorene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	9.89 ng	290933	Phenanthrene-d10	10.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	90
2		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	86
3		9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	80
4		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	78
5		(3H)Benzo[c]pyrrole, 3-methyl-3-...	208	C14H12N2	059341-20-7	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072717\
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Operator : SJ/JU
Sample : I4421-03
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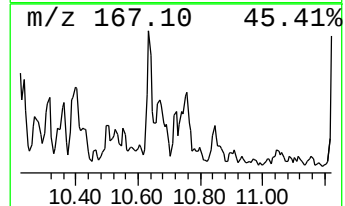
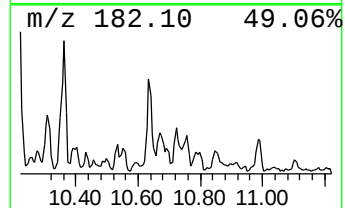
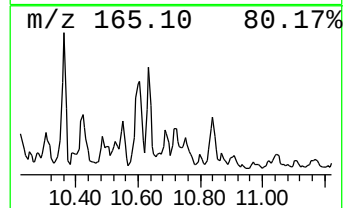
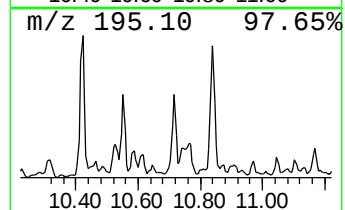
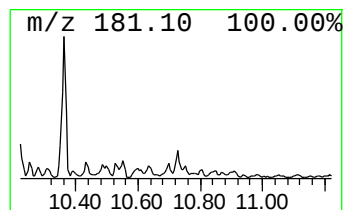
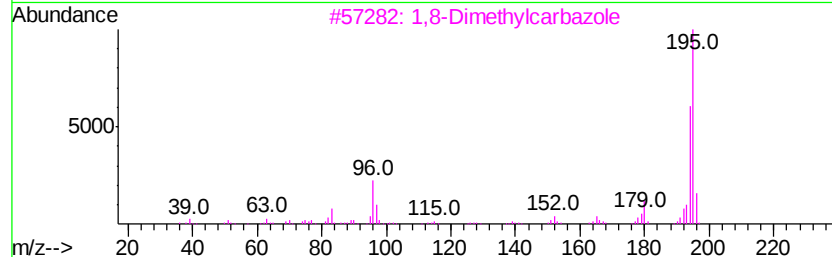
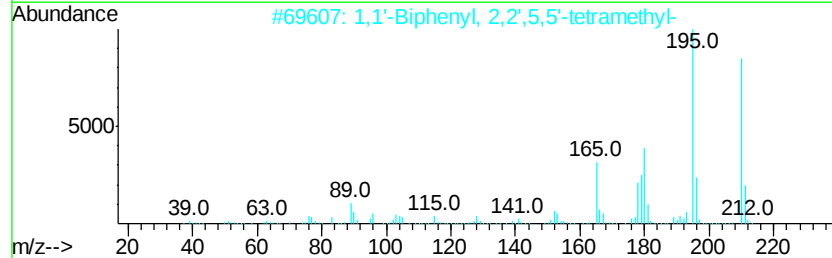
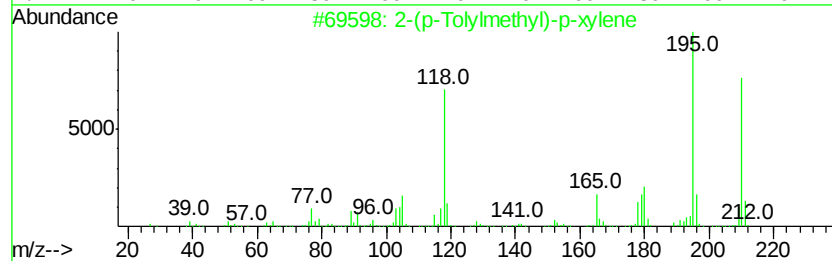
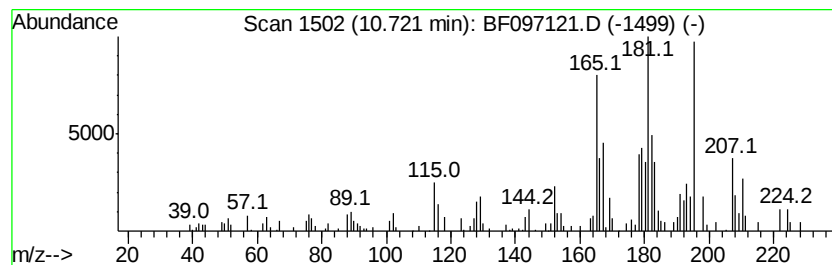
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 2-(p-Tolylmethyl)-p-xylene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.72	6.27 ng	184416	Phenanthrene-d10	10.99	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(p-Tolylmethyl)-p-xylene	210	C16H18	000721-45-9	80
2	1,1'-Biphenyl, 2,2',5,5'-tetrame...	210	C16H18	003075-84-1	72
3	1,8-Dimethylcarbazole	195	C14H13N	1000328-39-0	59
4	Benzenamine, 3-(2-phenylethenyl)...	195	C14H13N	014064-82-5	59
5	Fluorenone oxime	195	C13H9NO	002157-52-0	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072717\
Data File : BF097121.D
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Instrument :
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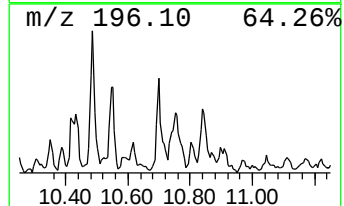
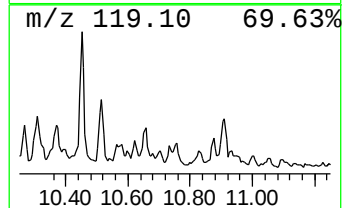
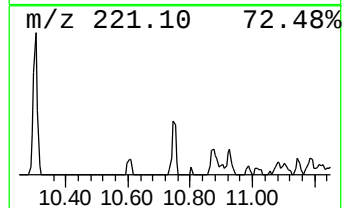
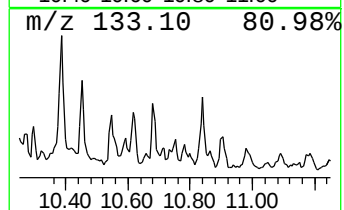
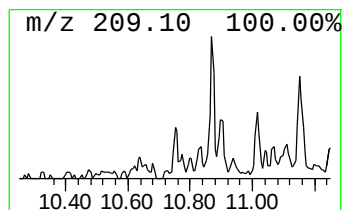
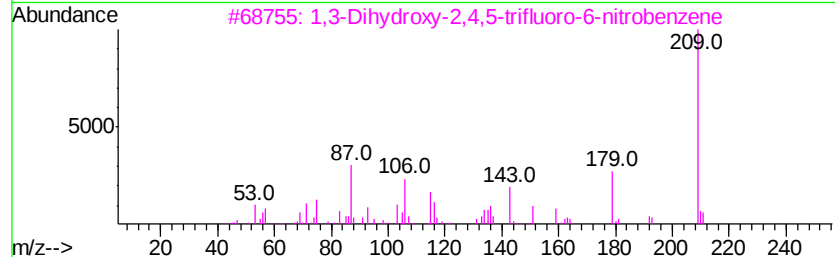
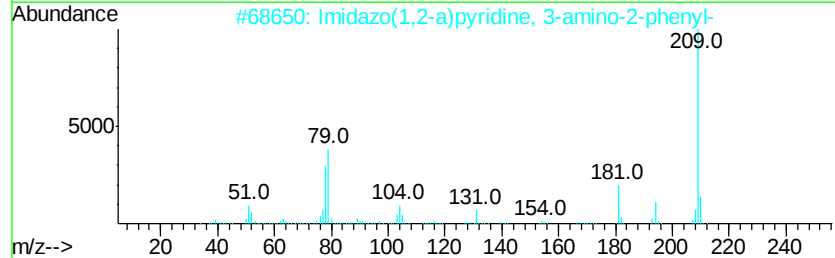
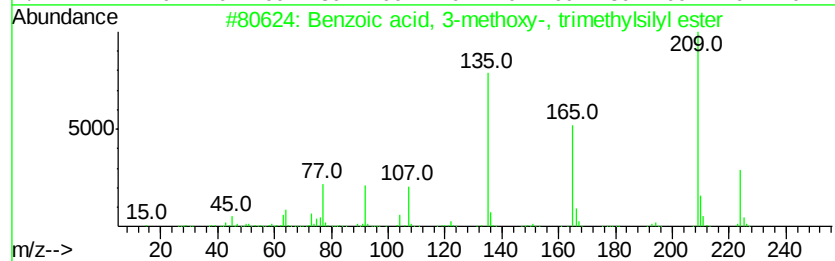
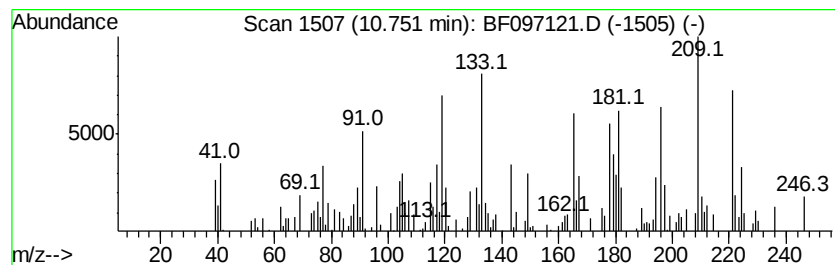
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown10.75 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	6.45 ng	189549	Phenanthrene-d10	10.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid, 3-methoxy-, trimet...	224	C11H16O3Si	959111-51-4	35
2		Imidazo(1,2-a)pyridine, 3-amino-...	209	C13H11N3	003999-29-9	35
3		1,3-Dihydroxy-2,4,5-trifluoro-6-...	209	C6H2F3NO4	031438-88-7	25
4		9-Hydroxy-4-fluorenylethylene oxide	224	C15H12O2	053221-09-3	20
5		1,5,6,7-Tetramethyl-3-phenylbicy...	224	C17H20	126584-00-7	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072717\
Data File : BF097121.D
Acq On : 27 Jul 2017 14:38
Operator : SJ/JU
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Misc :
ALS Vial : 5 Sample Multiplier: 1

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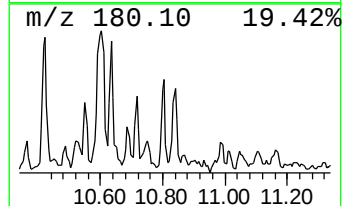
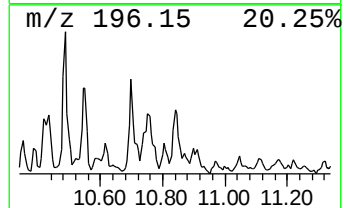
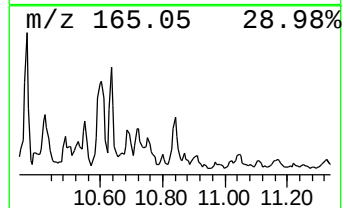
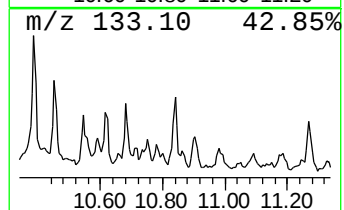
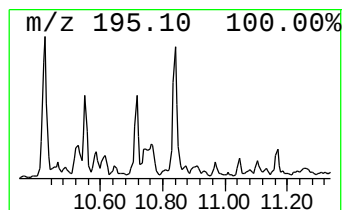
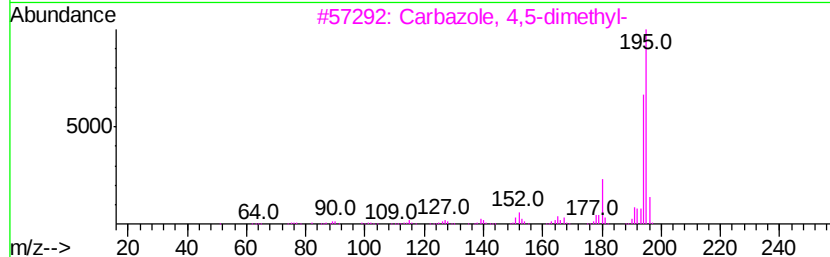
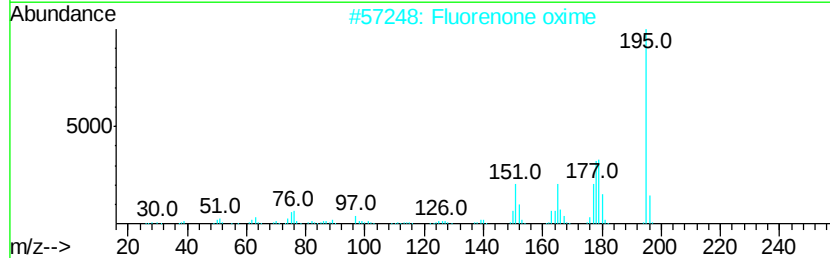
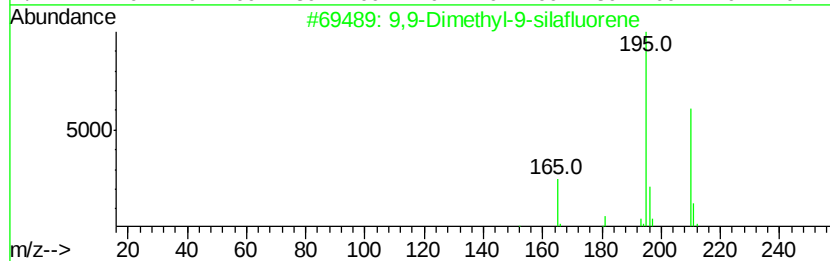
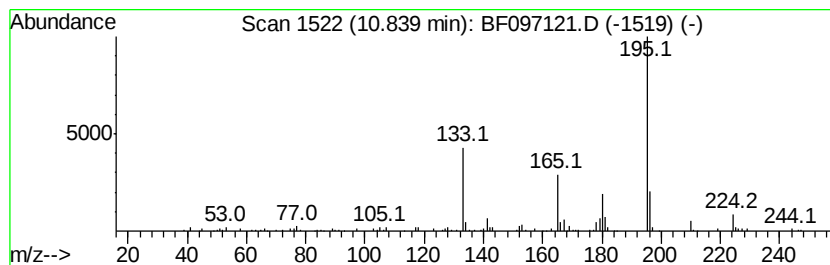
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 9,9-Dimethyl-9-silafluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.84	6.39 ng	188013	Phenanthrene-d10	10.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,9-Dimethyl-9-silafluorene	210	C14H14Si	013688-68-1	64
2			Fluorenone oxime	195	C13H9NO	002157-52-0	53
3			Carbazole, 4,5-dimethyl-	195	C14H13N	018992-66-0	52
4			Carbazole, 1,5-dimethyl-	195	C14H13N	051640-60-9	47
5			Carbazole, 3,5-dimethyl-	195	C14H13N	078787-81-2	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072717\
Data File : BF097121.D
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ALS Vial : 5 Sample Multiplier: 1

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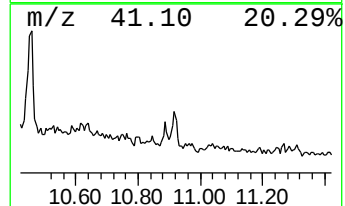
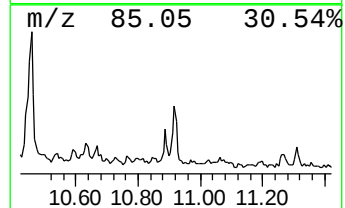
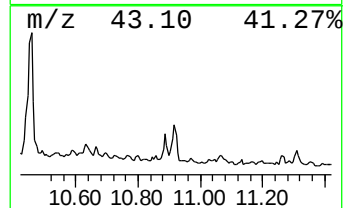
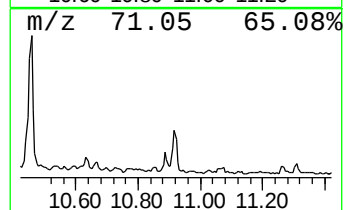
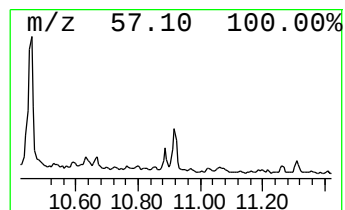
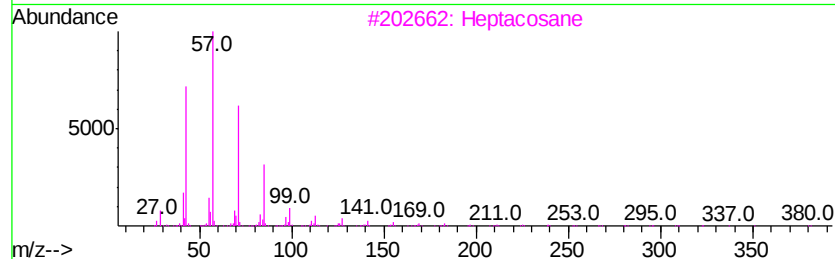
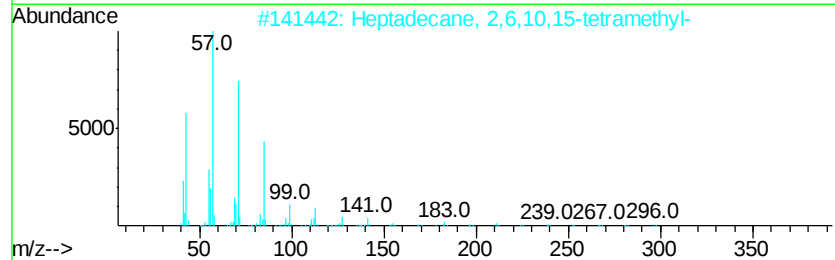
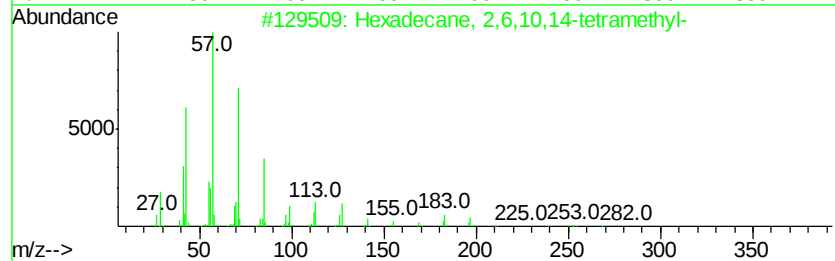
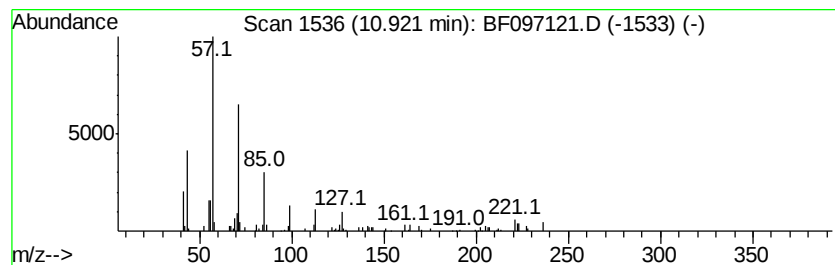
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Hexadecane, 2,6,10,14-tetra... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	5.96 ng	175149	Phenanthrene-d10	10.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	78
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
3		Heptacosane	380	C27H56	000593-49-7	72
4		Heptadecane	240	C17H36	000629-78-7	59
5		Hexadecane	226	C16H34	000544-76-3	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072717\
Data File : BF097121.D
Acq On : 27 Jul 2017 14:38
Operator : SJ/JU
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Misc :
ALS Vial : 5 Sample Multiplier: 1

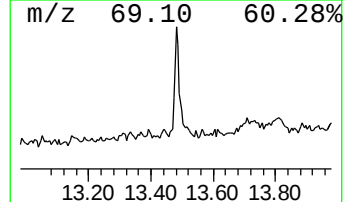
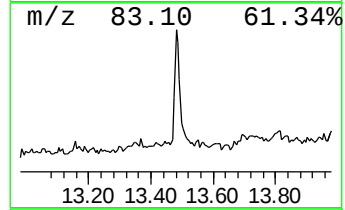
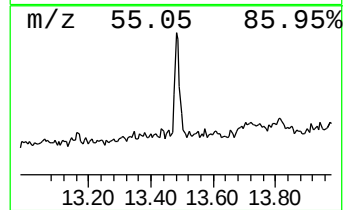
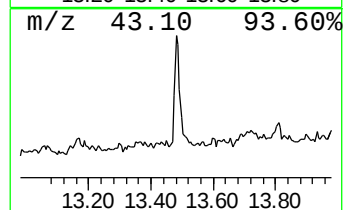
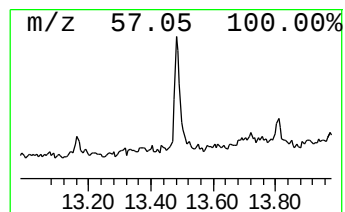
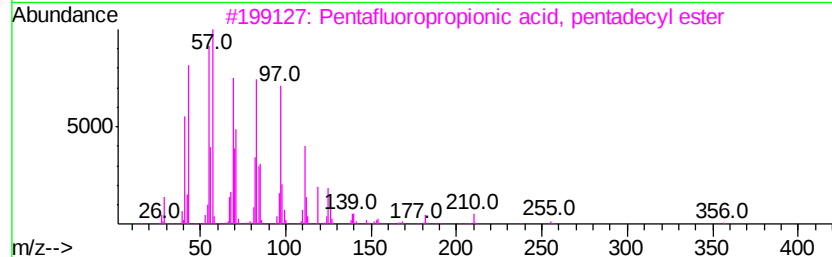
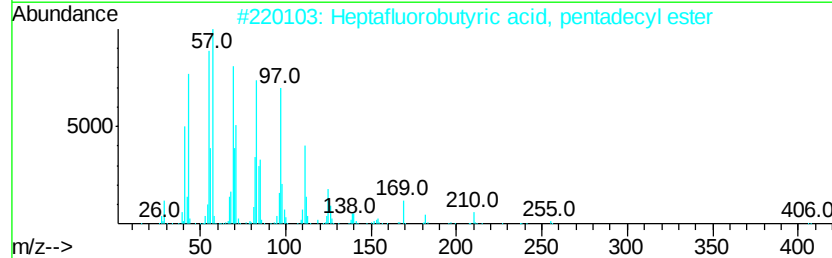
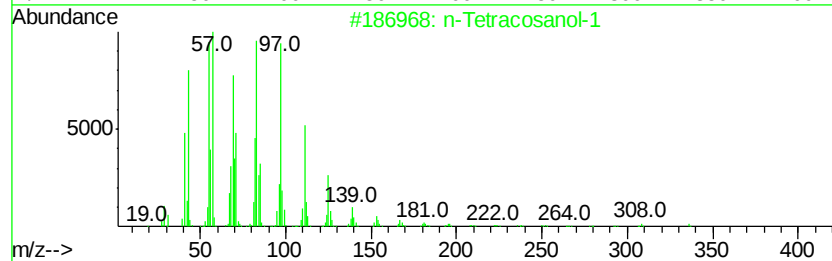
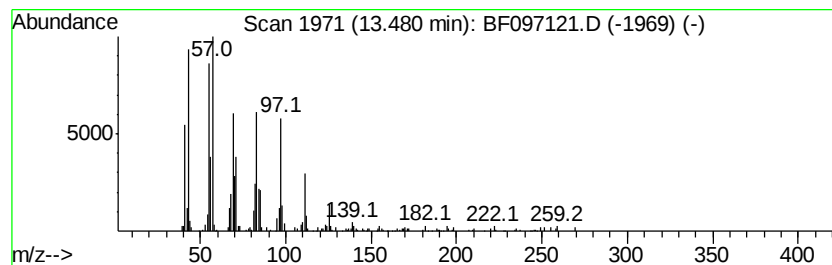
Instrument :
BNA_F
ClientSampleId :
E2-M6-WSW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 n-Tetracosanol-1 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	5.94 ng	246690	Chrysene-d12	13.61
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		n-Tetracosanol-1	354 C24H50O	000506-51-4 91
2		Heptafluorobutyric acid, pentade...	424 C19H31F7O2	959261-23-5 91
3		Pentafluoropropionic acid, penta...	374 C18H31F5O2	959092-08-1 91
4		1-Octadecene	252 C18H36	000112-88-9 91
5		Heptadecyl trifluoroacetate	352 C19H35F3O2	1000351-87-0 91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072717\
Data File : BF097121.D
Acq On : 27 Jul 2017 14:38
Operator : SJ/JU
Sample : I4421-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-M6-WSW

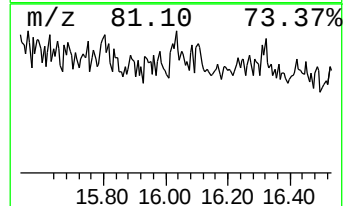
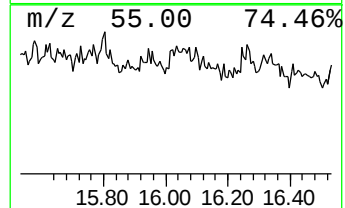
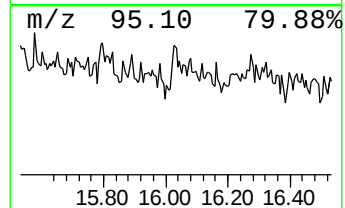
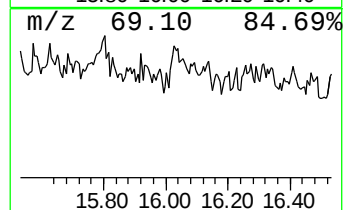
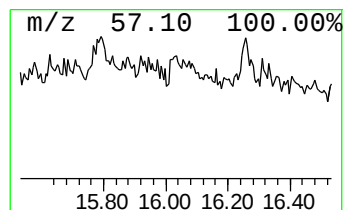
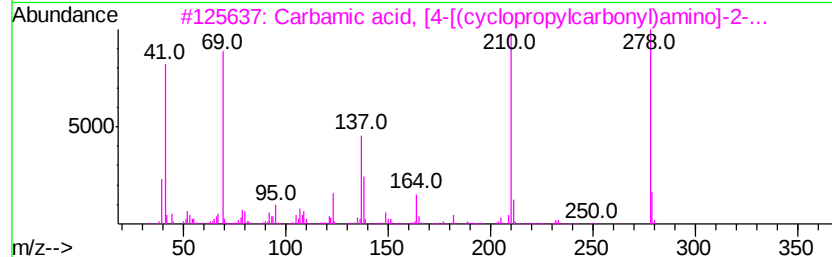
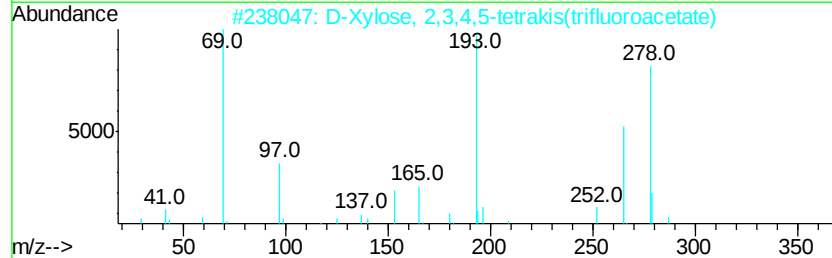
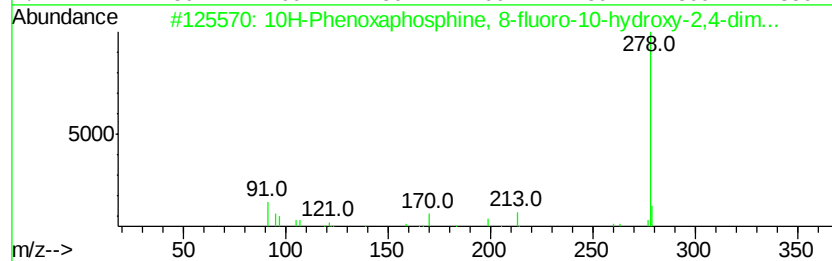
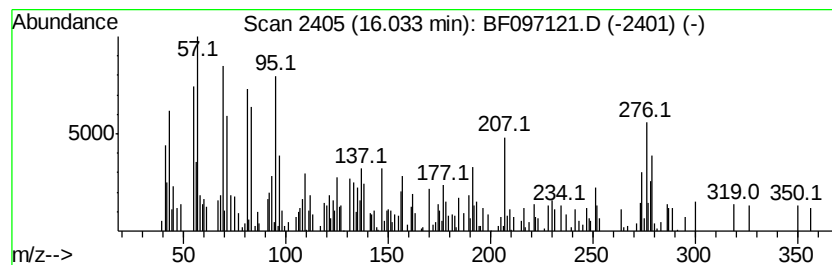
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown16.03 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	8.28 ng	205004	Perylene-d12	14.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10H-Phenoxaphosphine, 8-fluoro-1...	278	C14H12F03P	037041-13-7	47
2		D-Xylose, 2,3,4,5-tetrakis(trifl...	534	C13H6F12O9	038424-94-1	35
3		Carbamic acid, [4-[(cvclopropylc...	278	C14H18N2O4	1000337-41-0	30
4		1,3-Diamino-7,9-dichlorobenzo[f]...	278	C12H8Cl2N4	037521-58-7	25
5		Cyclohexanone, 2-(1-mercapto-1-m...	186	C10H18OS	033281-91-3	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072717\
 Data File : BF097121.D
 Acq On : 27 Jul 2017 14:38
 Operator : SJ/JU
 Sample : I4421-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-M6-WSW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	---Internal Standard---			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.63	11.1 ng		392864	1	6.49	706508	20.0
Naphthalene, 1-me...	8.58	15.8 ng		726159	2	7.77	916711	20.0
Naphthalene, 2,7-...	9.10	9.4 ng		423107	3	9.52	901377	20.0
Naphthalene, 2,3-...	9.18	8.1 ng		364543	3	9.52	901377	20.0
Naphthalene, 1,3-...	9.30	6.3 ng		284791	3	9.52	901377	20.0
6-Chlorohexanoic ...	9.43	6.2 ng		277270	3	9.52	901377	20.0
Naphthalene, 2-(1...	9.62	6.3 ng		285132	3	9.52	901377	20.0
unknown10.13	10.13	6.8 ng		303993	3	9.52	901377	20.0
Pentadecane, 2,6,...	10.19	7.6 ng		341778	3	9.52	901377	20.0
Benzene, 4-(dimet...	10.36	6.6 ng		194253	4	10.99	588091	20.0
Dodecane, 2,7,10-...	10.46	13.6 ng		398846	4	10.99	588091	20.0
9H-Fluorene, 2-me...	10.60	9.9 ng		290933	4	10.99	588091	20.0
2-(p-Tolylmethyl)...	10.72	6.3 ng		184416	4	10.99	588091	20.0
unknown10.75	10.75	6.5 ng		189549	4	10.99	588091	20.0
9,9-Dimethyl-9-si...	10.84	6.4 ng		188013	4	10.99	588091	20.0
Hexadecane, 2,6,1...	10.92	6.0 ng		175149	4	10.99	588091	20.0
n-Tetracosanol-1	13.48	5.9 ng		246690	5	13.61	830725	20.0
unknown16.03	16.03	8.3 ng		205004	6	14.96	495184	20.0