

Data Path : U:\HPCHEM1\BNA_F\DATA\BF011718\
 Data File : BF102182.D
 Acq On : 18 Jan 2018 6:49
 Operator : SJ/JU
 Sample : J1144-09
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DS-3

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-BF010918.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.946	482	486	496	rVV	230327	454597	9.13%	0.461%
2	5.340	544	553	556	rVV	3995441	4978033	100.00%	5.053%
3	5.581	588	594	600	rBV4	162332	304647	6.12%	0.309%
4	5.863	635	642	647	rBV5	188683	388829	7.81%	0.395%
5	5.963	656	659	662	rBV2	415271	425884	8.56%	0.432%
6	6.151	687	691	693	rBV3	302579	372425	7.48%	0.378%
7	6.210	697	701	704	rVB3	395814	599420	12.04%	0.608%
8	6.246	704	707	709	rBV	336262	270231	5.43%	0.274%
9	6.304	714	717	720	rBV	321196	263151	5.29%	0.267%
10	6.363	720	727	730	rBV	3645247	4943370	99.30%	5.018%
11	6.493	744	749	752	rVV	4254314	4884585	98.12%	4.958%
12	6.722	783	788	794	rVB2	1195315	1496018	30.05%	1.519%
13	6.875	810	814	817	rBV	3103471	3375015	67.80%	3.426%
14	6.898	817	818	821	rVB	498198	286259	5.75%	0.291%
15	6.969	828	830	832	rBV	334899	253006	5.08%	0.257%
16	6.993	832	834	837	rVB	352922	350545	7.04%	0.356%
17	7.028	837	840	841	rBV	256647	258698	5.20%	0.263%
18	7.110	850	854	857	rBV2	422444	438558	8.81%	0.445%
19	7.257	872	879	881	rBV2	1025201	1344689	27.01%	1.365%
20	7.293	881	885	888	rVB	2883107	3025210	60.77%	3.071%
21	7.363	892	897	900	rVB4	365040	515817	10.36%	0.524%
22	7.434	900	909	913	rBV6	236265	640880	12.87%	0.651%
23	7.492	917	919	922	rVB2	435457	378044	7.59%	0.384%
24	7.522	922	924	928	rVB	419947	393036	7.90%	0.399%
25	7.604	935	938	942	rBV2	361070	621463	12.48%	0.631%
26	7.675	948	950	955	rVB4	686127	886714	17.81%	0.900%
27	7.722	955	958	959	rBV	293687	292374	5.87%	0.297%
28	7.740	959	961	963	rBV2	1112543	781795	15.70%	0.794%
29	7.763	963	965	969	rVB2	303363	294644	5.92%	0.299%
30	7.840	976	978	981	rVB	787335	691740	13.90%	0.702%
31	7.875	981	984	987	rBV	435317	403178	8.10%	0.409%
32	8.004	1000	1006	1008	rBV2	1273007	1718611	34.52%	1.745%
33	8.022	1008	1009	1012	rVB	801800	499501	10.03%	0.507%
34	8.051	1012	1014	1015	rBV	489542	384301	7.72%	0.390%

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35	8.069	1015	1017	1019	rVB	914522	677530	13.61%	0.688%
36	8.092	1019	1021	1024	rBV	424670	310861	6.24%	0.316%
37	8.157	1028	1032	1034	rBV3	242550	296923	5.96%	0.301%
38	8.198	1037	1039	1043	rVB2	860225	789067	15.85%	0.801%
39	8.245	1043	1047	1051	rBV4	352703	618460	12.42%	0.628%
40	8.281	1051	1053	1054	rBV	543836	435676	8.75%	0.442%
41	8.351	1063	1065	1068	rVB3	322871	265664	5.34%	0.270%
42	8.387	1068	1071	1073	rBV	803239	654914	13.16%	0.665%
43	8.428	1073	1078	1080	rBV3	1120900	1174901	23.60%	1.193%
44	8.469	1083	1085	1087	rVB	576952	430923	8.66%	0.437%
45	8.510	1087	1092	1094	rBV2	1484994	1437399	28.87%	1.459%
46	8.563	1099	1101	1103	rVB2	384221	285584	5.74%	0.290%
47	8.592	1103	1106	1110	rBV2	394850	566382	11.38%	0.575%
48	8.663	1115	1118	1120	rVV2	998346	1008155	20.25%	1.023%
49	8.692	1120	1123	1125	rVV4	640720	764976	15.37%	0.777%
50	8.716	1125	1127	1130	rVB	1406604	1117121	22.44%	1.134%
51	8.757	1130	1134	1136	rBV3	219685	262626	5.28%	0.267%
52	8.816	1139	1144	1151	rVV3	1525501	2811117	56.47%	2.853%
53	8.881	1153	1155	1158	rVV3	336316	447231	8.98%	0.454%
54	8.910	1158	1160	1164	rVV4	534272	530432	10.66%	0.538%
55	8.945	1164	1166	1168	rVV2	390984	411173	8.26%	0.417%
56	9.028	1176	1180	1184	rVV3	1603085	1811766	36.40%	1.839%
57	9.086	1184	1190	1193	rVB	3488875	3778318	75.90%	3.835%
58	9.157	1198	1202	1207	rBV6	451630	946144	19.01%	0.960%
59	9.204	1207	1210	1212	rVV4	319514	437151	8.78%	0.444%
60	9.228	1212	1214	1217	rVV	723355	774882	15.57%	0.787%
61	9.275	1220	1222	1228	rVB2	633936	597395	12.00%	0.606%
62	9.351	1228	1235	1237	rBV3	1089390	1691630	33.98%	1.717%
63	9.416	1240	1246	1248	rBV2	1537702	1908076	38.33%	1.937%
64	9.445	1248	1251	1253	rVV2	1191306	1148395	23.07%	1.166%
65	9.481	1253	1257	1260	rVV2	2205086	2472830	49.67%	2.510%
66	9.510	1260	1262	1264	rVV2	493890	400026	8.04%	0.406%
67	9.534	1264	1266	1271	rVB2	704528	736427	14.79%	0.748%
68	9.616	1278	1280	1285	rBV2	454820	487596	9.79%	0.495%
69	9.663	1286	1288	1291	rVB2	370809	350211	7.04%	0.355%
70	9.734	1297	1300	1301	rBV3	485073	539176	10.83%	0.547%
71	9.757	1301	1304	1306	rVV	1461845	1340287	26.92%	1.360%

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72	9.863	1319	1322	1326	rVB2	696897	782606	15.72%	0.794%
73	9.904	1327	1329	1332	rBV3	190510	268728	5.40%	0.273%
74	9.957	1334	1338	1342	rVB3	909757	1209758	24.30%	1.228%
75	9.998	1342	1345	1347	rBV	707880	678362	13.63%	0.689%
76	10.075	1354	1358	1361	rBV2	735983	1011733	20.32%	1.027%
77	10.098	1361	1362	1365	rVB	446866	336270	6.76%	0.341%
78	10.128	1365	1367	1370	rBV3	259578	270854	5.44%	0.275%
79	10.163	1370	1373	1375	rBV2	408129	423193	8.50%	0.430%
80	10.216	1380	1382	1385	rVV3	367668	486712	9.78%	0.494%
81	10.245	1385	1387	1392	rVV5	404380	567257	11.40%	0.576%
82	10.298	1392	1396	1398	rVV3	582621	699303	14.05%	0.710%
83	10.322	1398	1400	1403	rVV3	539678	677227	13.60%	0.687%
84	10.369	1406	1408	1410	rVV	426922	402361	8.08%	0.408%
85	10.410	1410	1415	1419	rVV	1928981	2295446	46.11%	2.330%
86	10.475	1421	1426	1428	rVB	959358	1162901	23.36%	1.180%
87	10.528	1432	1435	1436	rVV2	449730	474592	9.53%	0.482%
88	10.551	1436	1439	1441	rVV	1895576	1916122	38.49%	1.945%
89	10.575	1441	1443	1445	rVV2	295933	299879	6.02%	0.304%
90	10.675	1456	1460	1466	rBV	2800039	2993516	60.13%	3.039%
91	10.881	1492	1495	1500	rVB5	560252	674610	13.55%	0.685%
92	10.998	1511	1515	1521	rVV6	398342	598385	12.02%	0.607%
93	11.139	1535	1539	1545	rVB	1910060	2118872	42.56%	2.151%
94	11.239	1553	1556	1558	rBV	1135916	985647	19.80%	1.001%
95	11.263	1558	1560	1564	rVB	367818	303904	6.10%	0.308%
96	11.486	1595	1598	1601	rVB	494593	470375	9.45%	0.477%
97	11.763	1643	1645	1649	rVB	338739	353712	7.11%	0.359%
98	12.822	1820	1825	1828	rBV	2748035	2592266	52.07%	2.631%
99	13.863	1998	2002	2006	rBV	826451	773106	15.53%	0.785%
100	15.280	2238	2243	2247	rBV	610876	755022	15.17%	0.766%

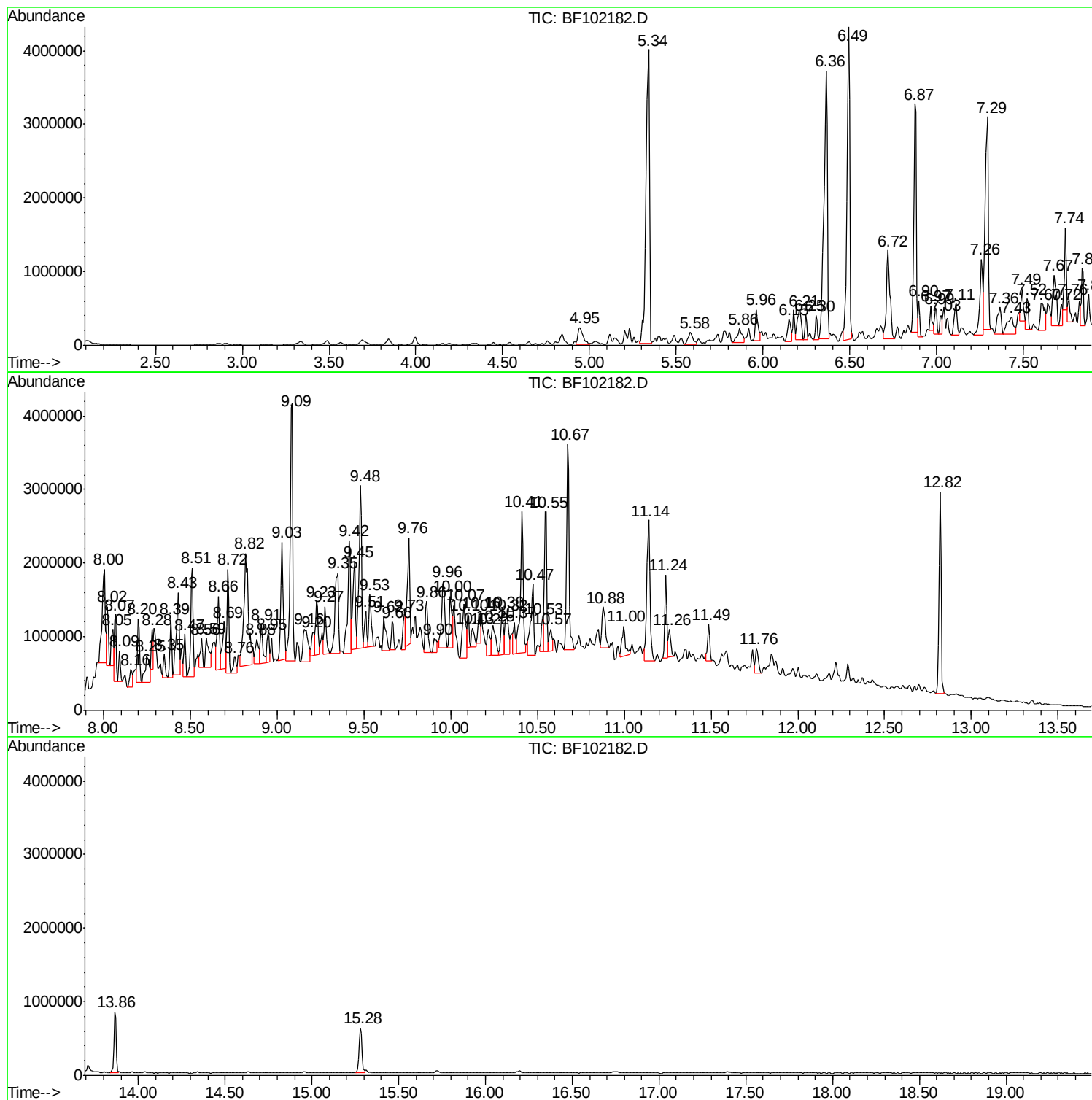
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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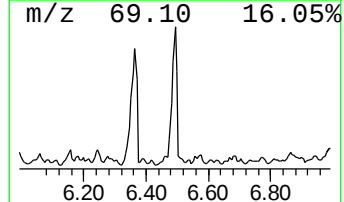
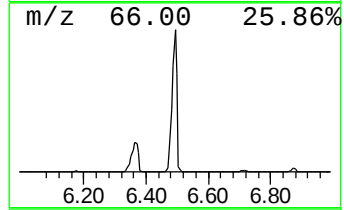
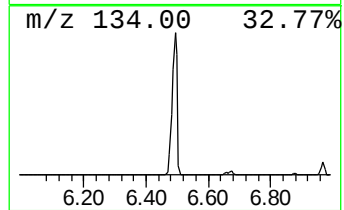
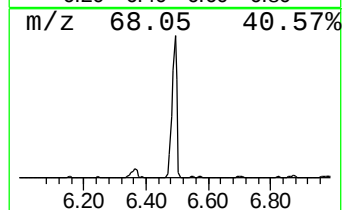
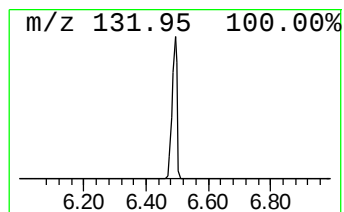
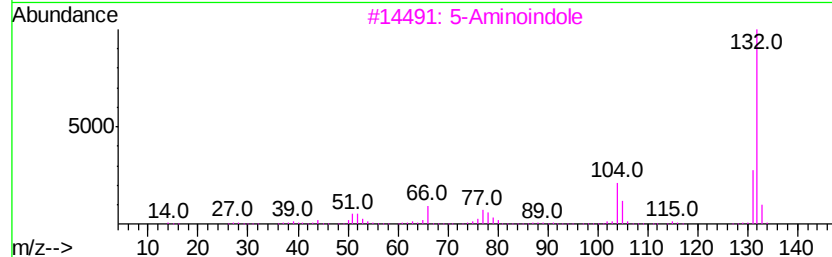
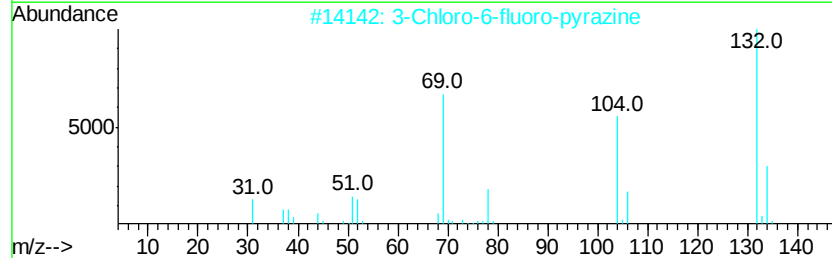
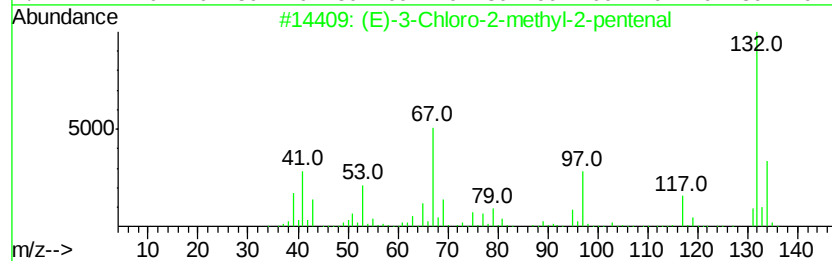
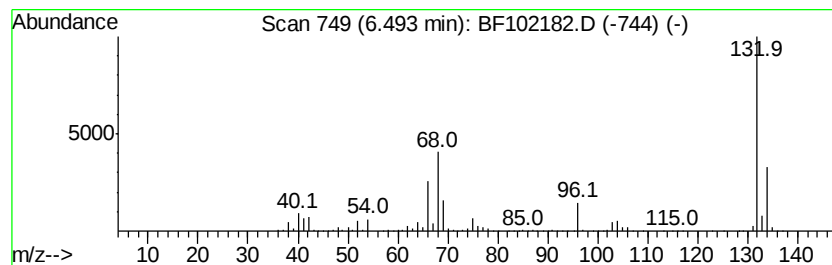
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	65.30 ng	4884590	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9



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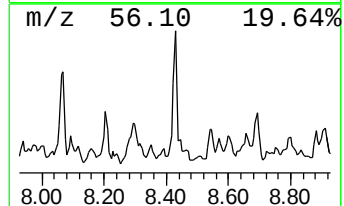
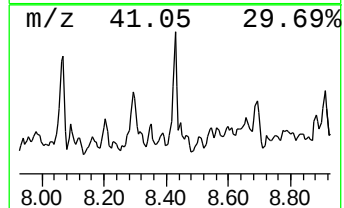
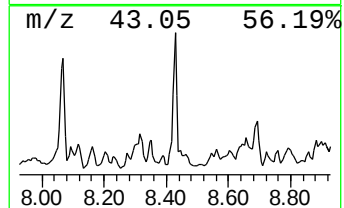
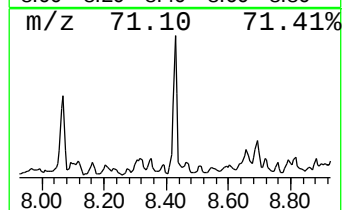
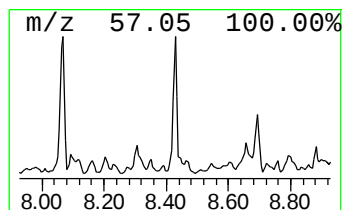
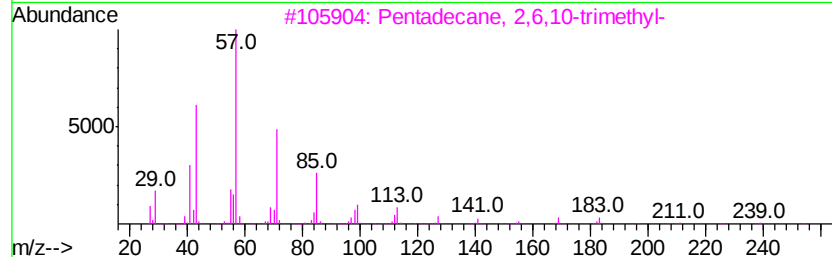
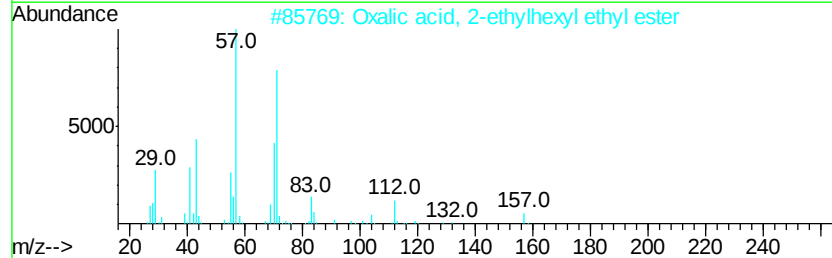
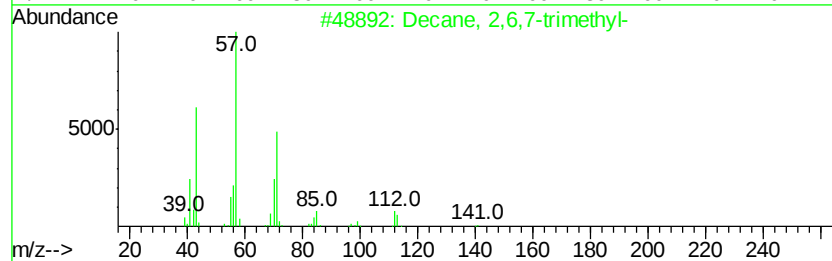
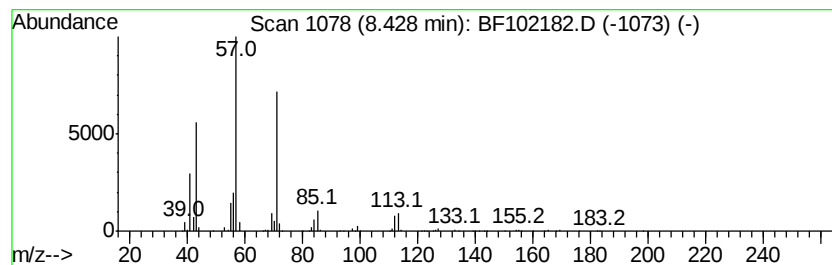
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Decane, 2,6,7-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	13.67 ng	1174900	Napthalene-d8	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	83
2		Oxalic acid, 2-ethylhexyl ethyl ...	230	C12H22O4	1000309-38-4	64
3		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	64
4		Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	64
5		Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	64



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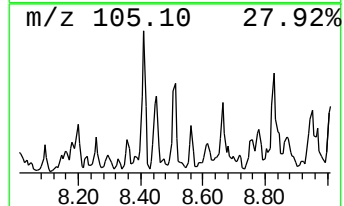
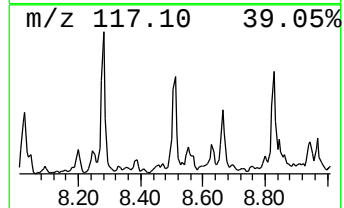
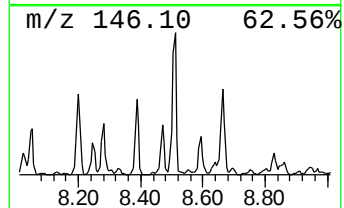
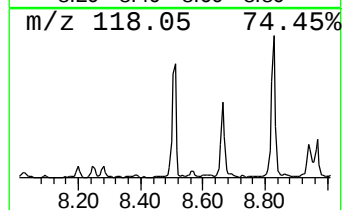
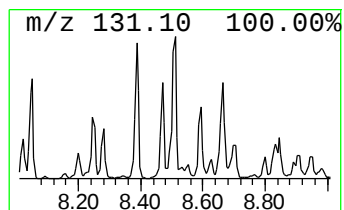
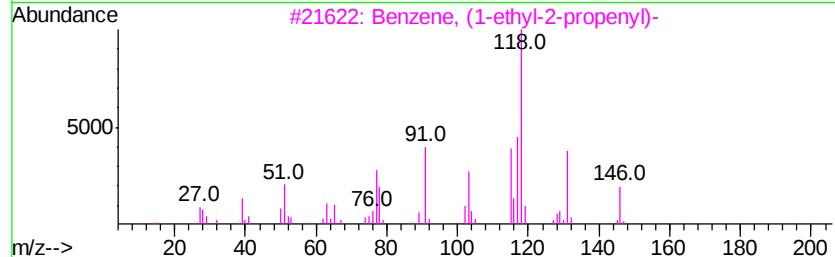
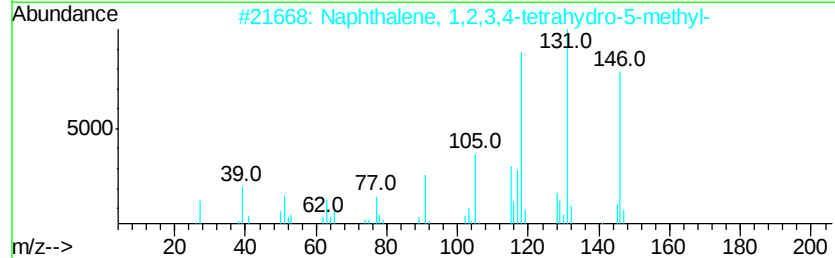
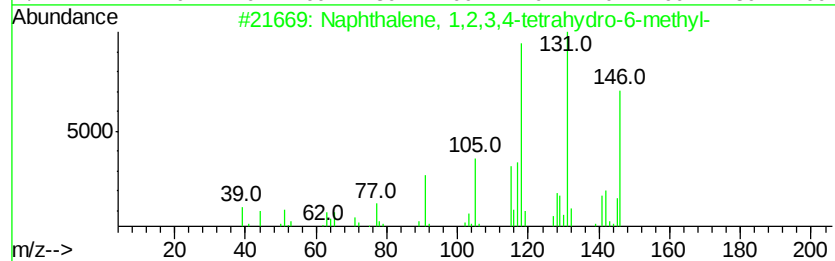
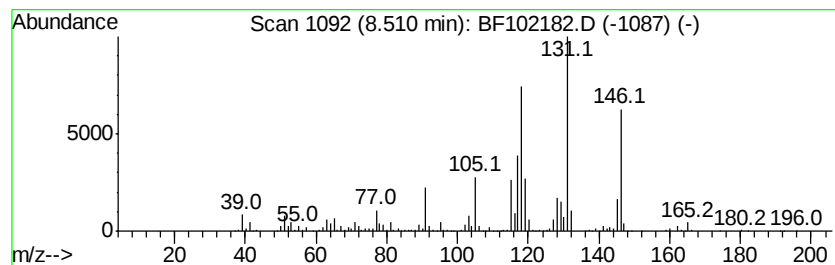
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 1,2,3,4-tetra... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.51	16.73 ng	1437400	Naphthalene-d8	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
3		Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	72
4		1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	58
5		2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	58



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011718\
Data File : BF102182.D
Acq On : 18 Jan 2018 6:49
Operator : SJ/JU
Sample : J1144-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

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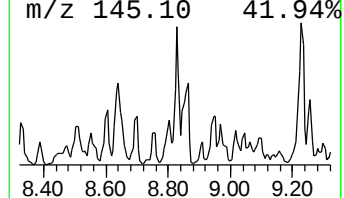
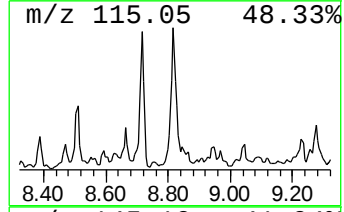
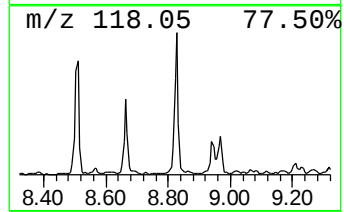
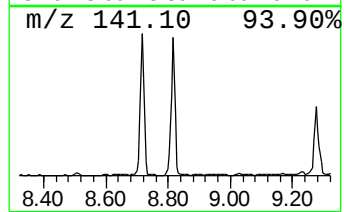
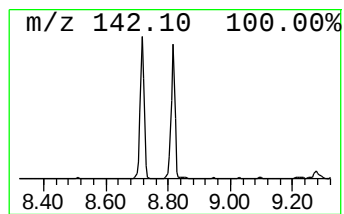
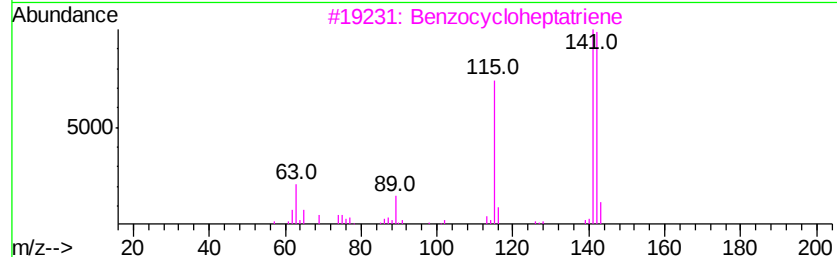
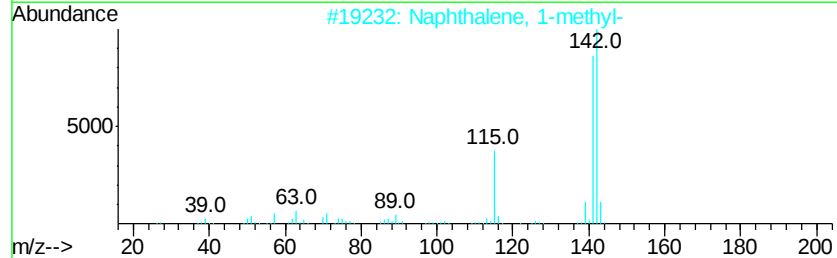
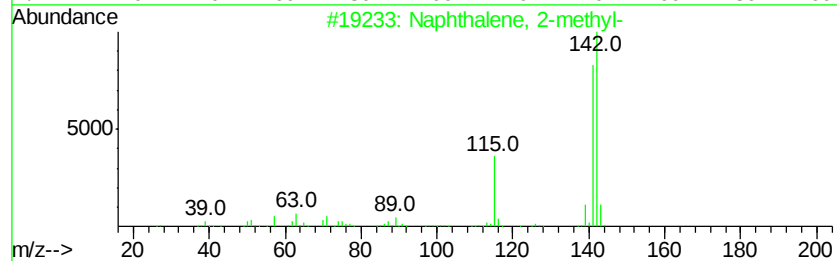
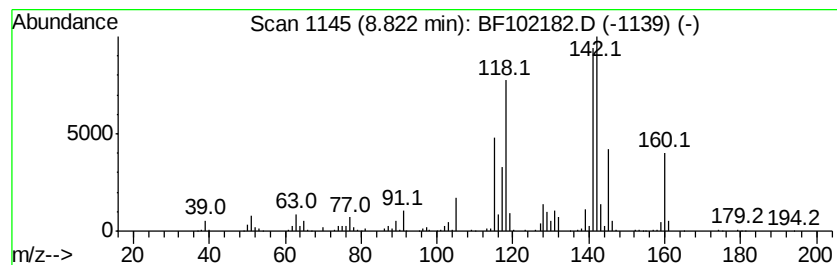
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.82	32.71 ng	2811120	Naphthalene-d8	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
3		Benzocycloheptatriene	142	C11H10	000264-09-5	91
4		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	90
5		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90



Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102182.D
Acq On : 18 Jan 2018 6:49
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Misc :
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Instrument :
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ClientSampleId :
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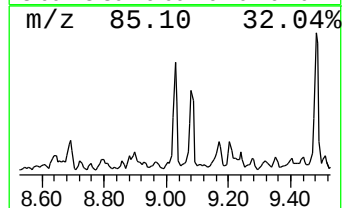
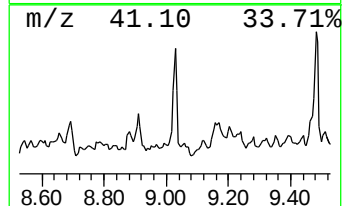
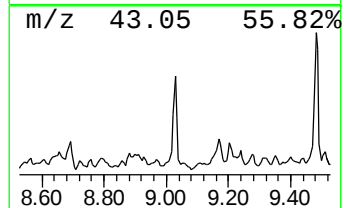
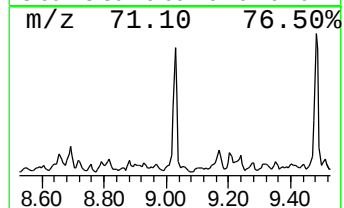
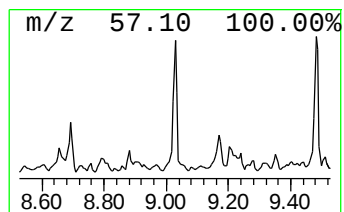
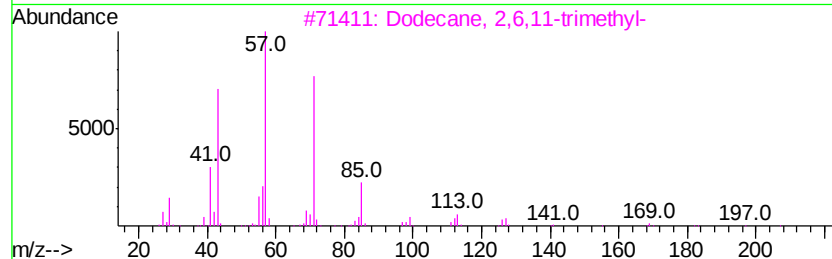
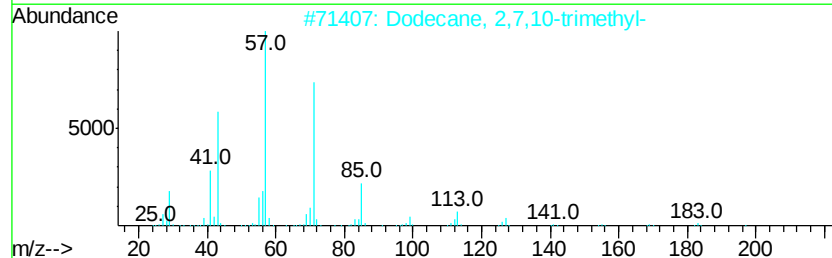
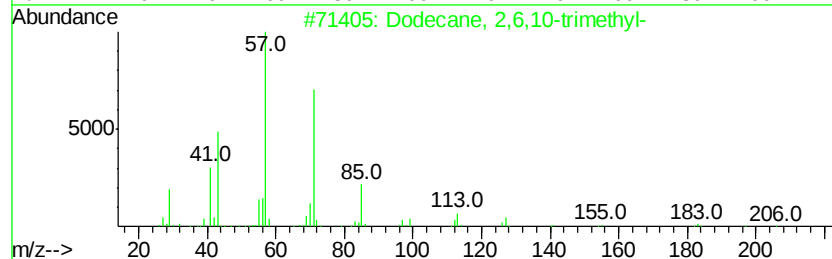
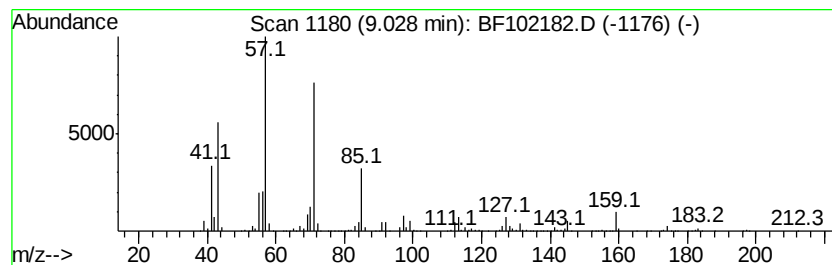
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dodecane, 2,6,10-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.03	27.04 ng	1811770	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	83
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	83
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
4		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
5		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72



Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102182.D
Acq On : 18 Jan 2018 6:49
Operator : SJ/JU
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Misc :
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ClientSampleId :
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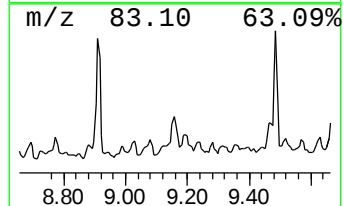
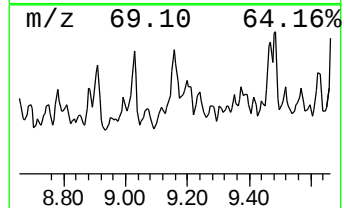
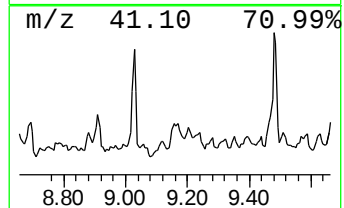
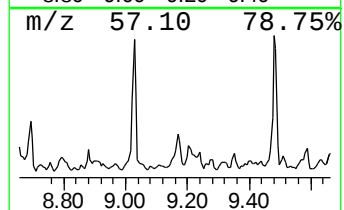
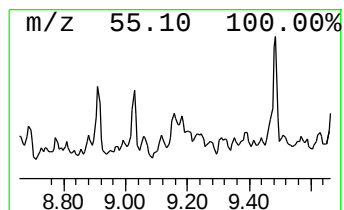
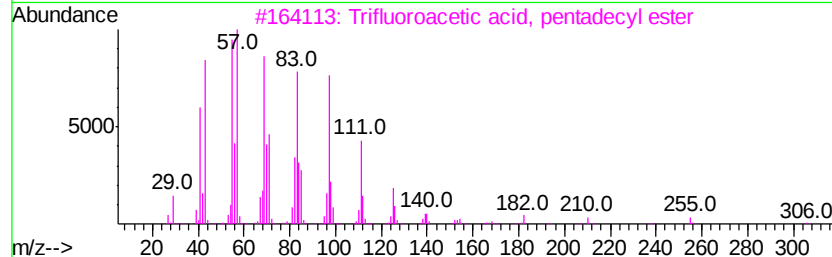
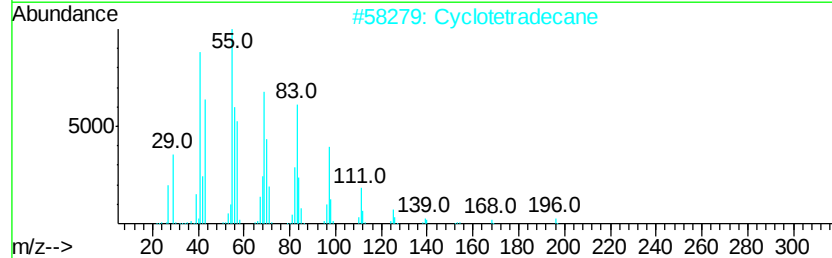
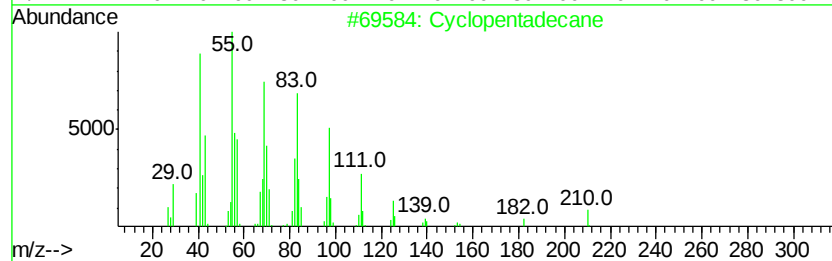
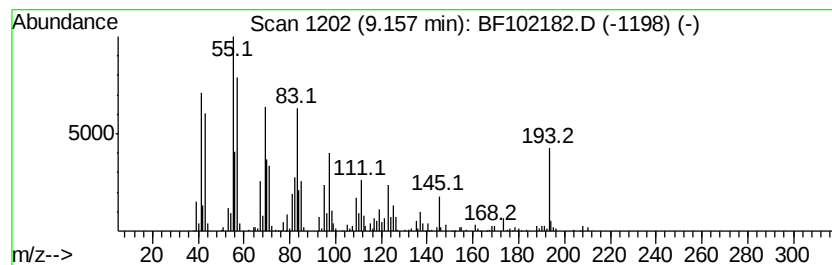
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Cyclopentadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.16	14.12 ng	946144	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentadecane	210	C15H30	000295-48-7	78
2		Cyclotetradecane	196	C14H28	000295-17-0	70
3		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	64
4		5-Tetradecene, (Z)-	196	C14H28	041446-62-2	64
5		3-Eicosene, (E)-	280	C20H40	074685-33-9	64



Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102182.D
Acq On : 18 Jan 2018 6:49
Operator : SJ/JU
Sample : J1144-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

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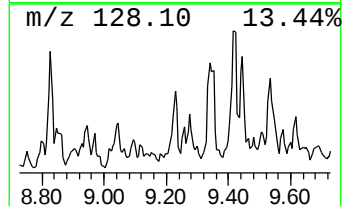
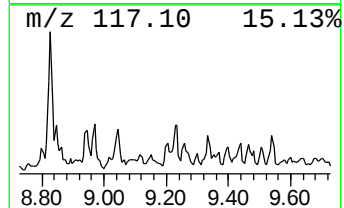
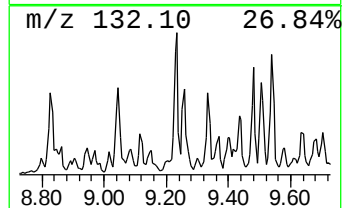
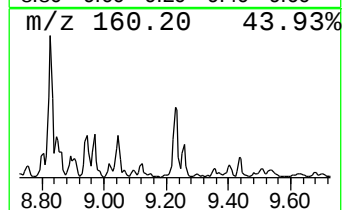
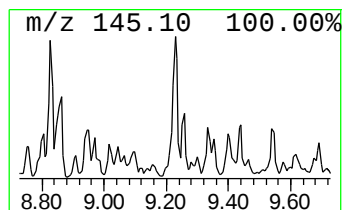
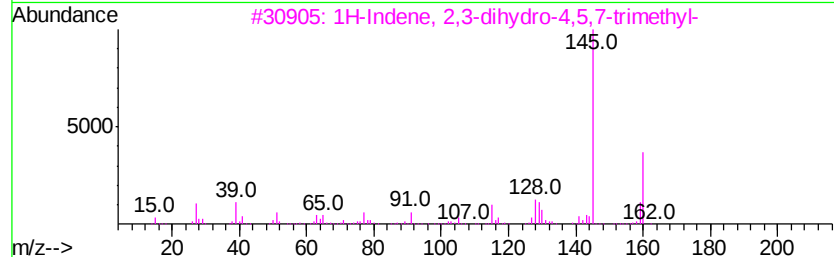
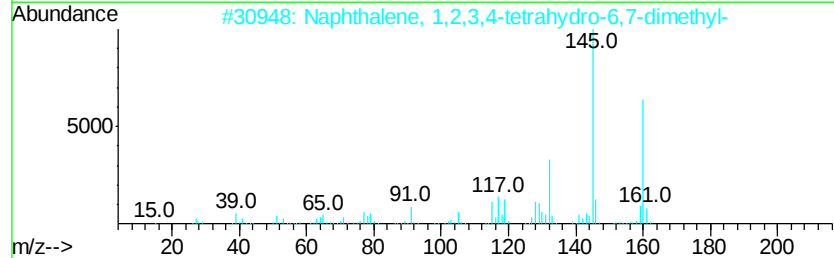
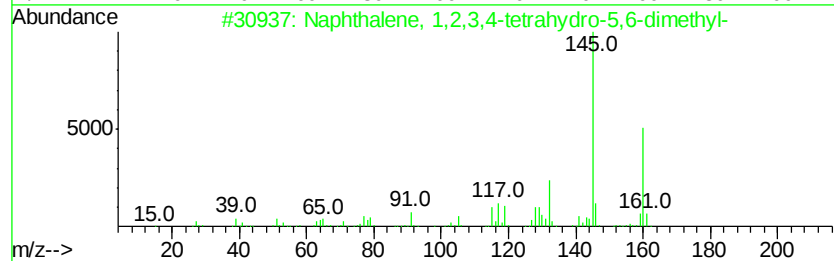
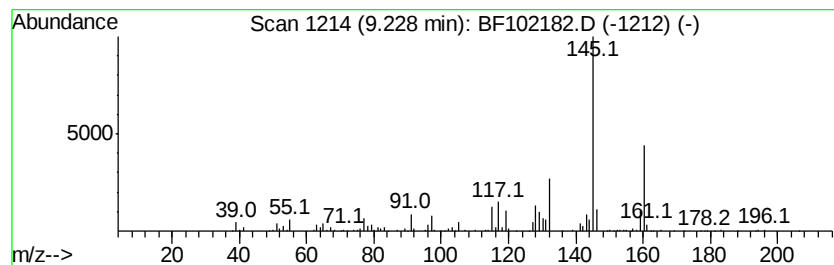
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 1,2,3,4-tetra... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	11.56 ng	774882	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	94
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	94
3		1H-Indene, 2,3-dihydro-4,5,7-tri...	160	C12H16	006682-06-0	93
4		Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	91
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	91



Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102182.D
Acq On : 18 Jan 2018 6:49
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Sample : J1144-09
Misc :
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Instrument :
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ClientSampleId :
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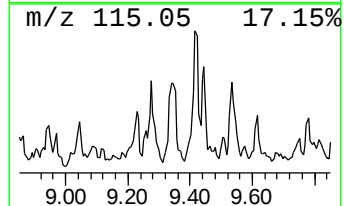
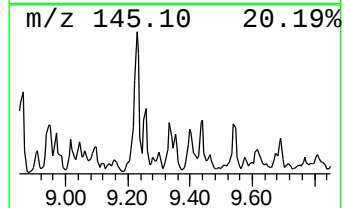
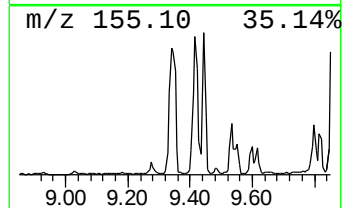
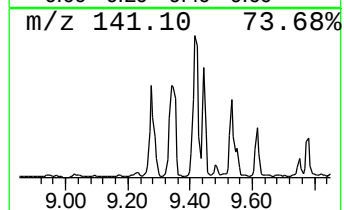
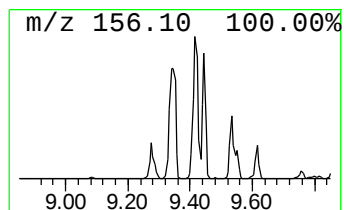
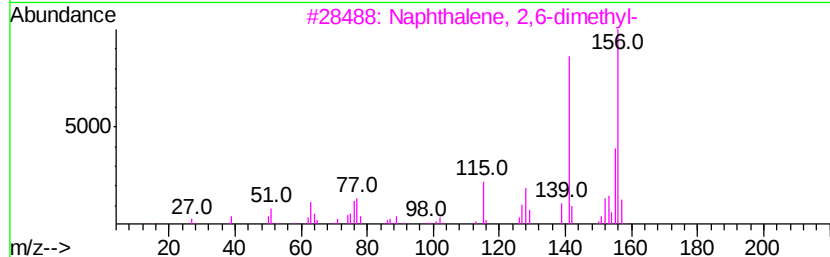
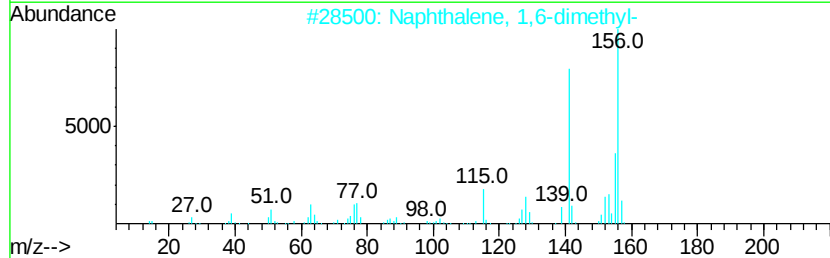
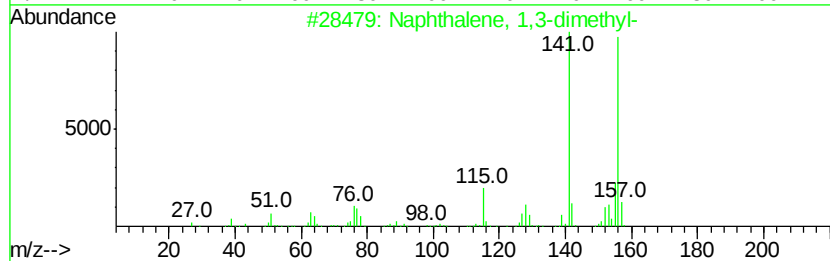
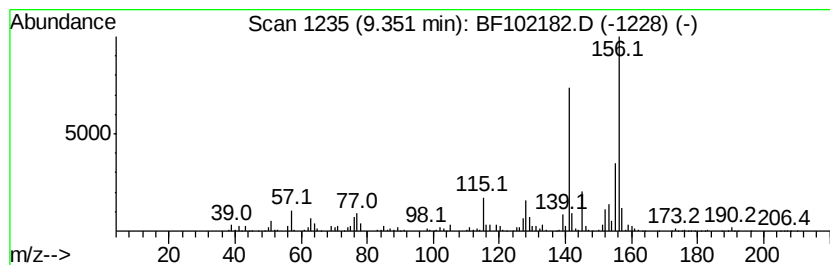
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 1,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	25.24 ng	1691630	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011718\
Data File : BF102182.D
Acq On : 18 Jan 2018 6:49
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Misc :
ALS Vial : 35 Sample Multiplier: 1

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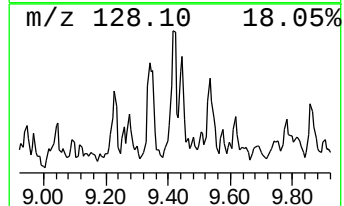
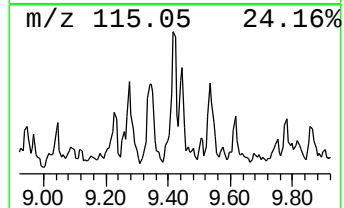
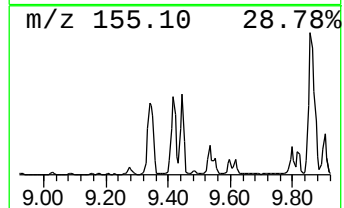
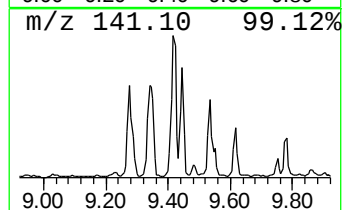
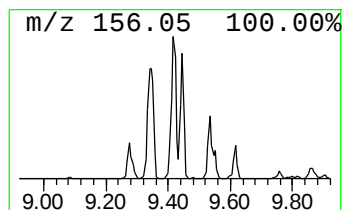
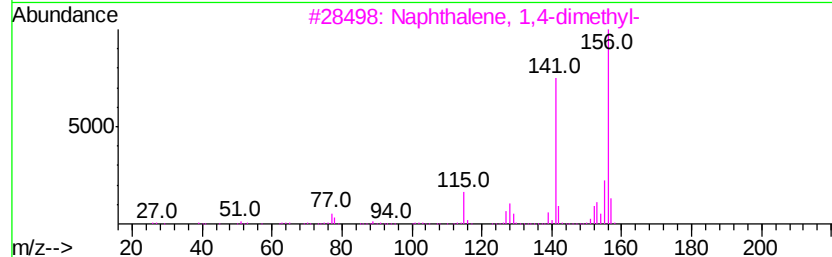
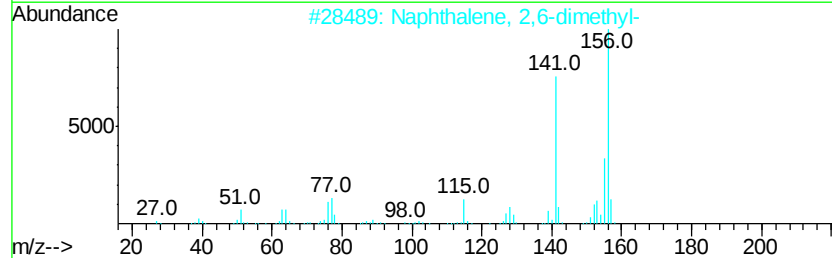
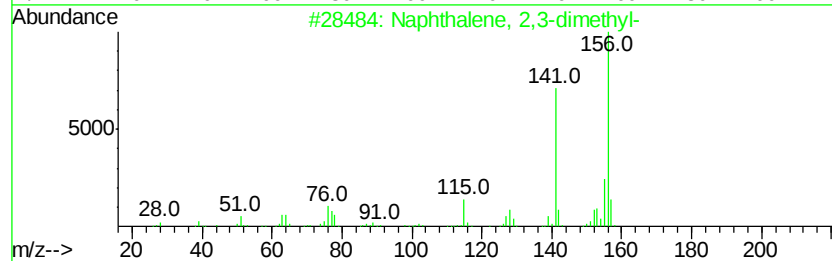
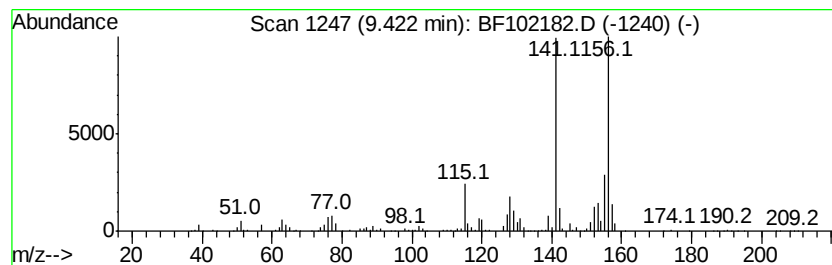
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	28.47 ng	1908080	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97



Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102182.D
Acq On : 18 Jan 2018 6:49
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Sample : J1144-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

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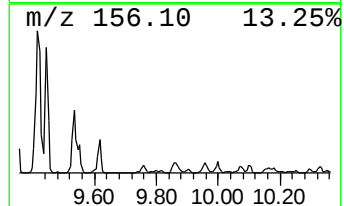
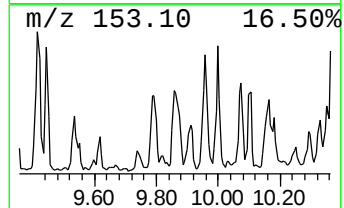
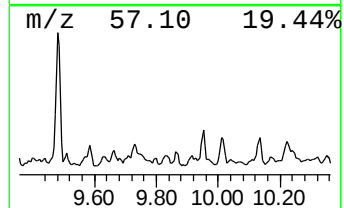
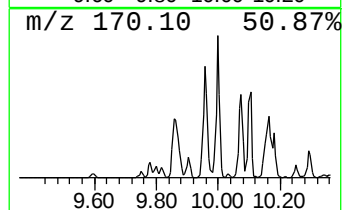
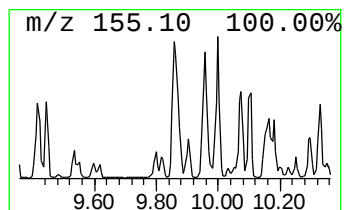
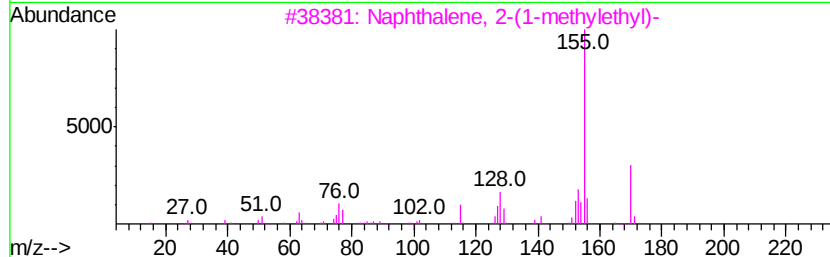
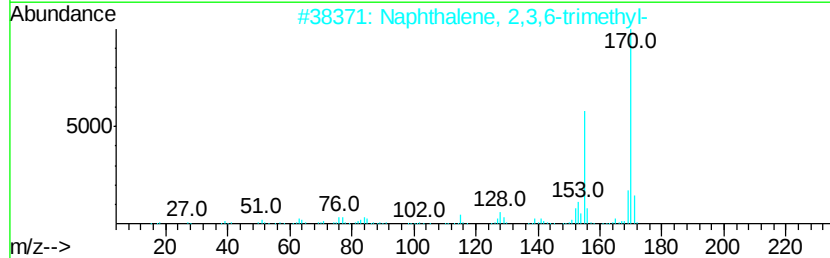
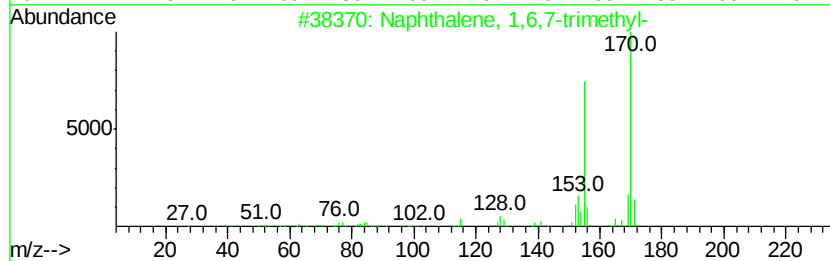
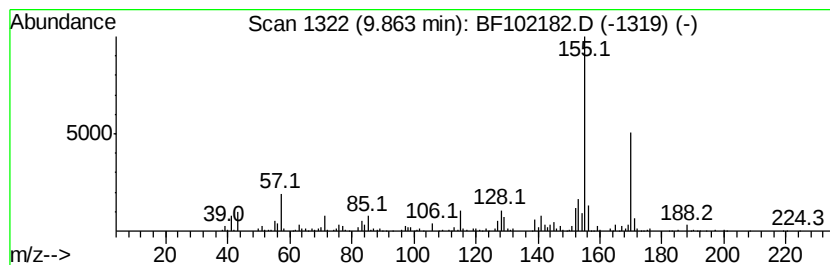
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1,6,7-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	11.68 ng	782606	Acenaphthene-d10	9.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
3			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
4			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
5			Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	72



Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102182.D
Acq On : 18 Jan 2018 6:49
Operator : SJ/JU
Sample : J1144-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
DS-3

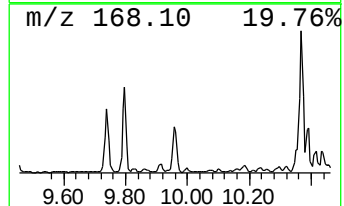
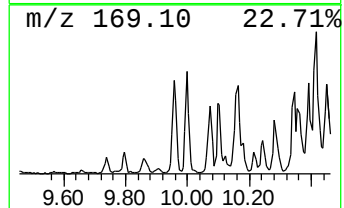
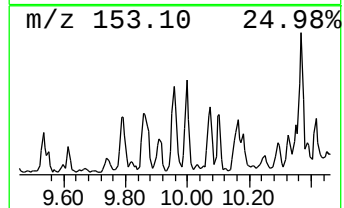
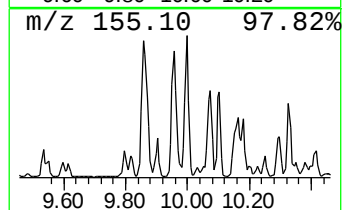
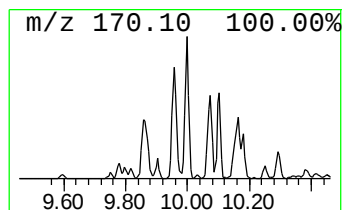
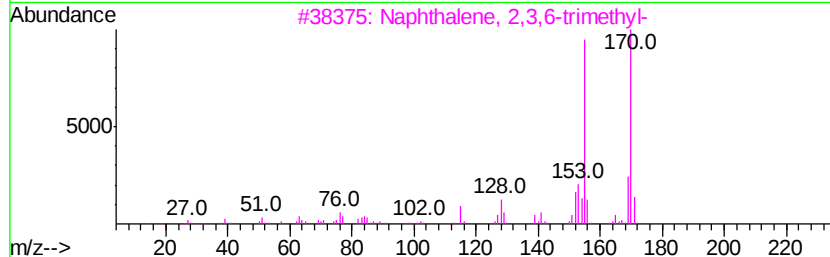
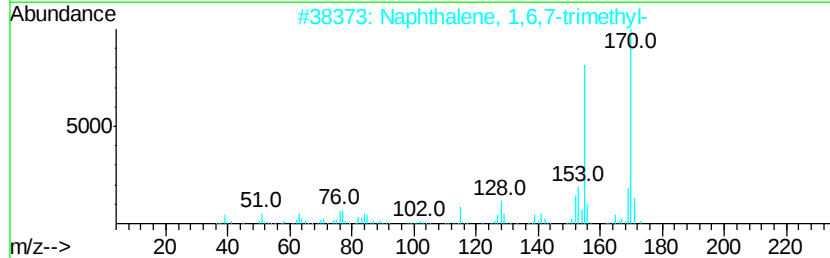
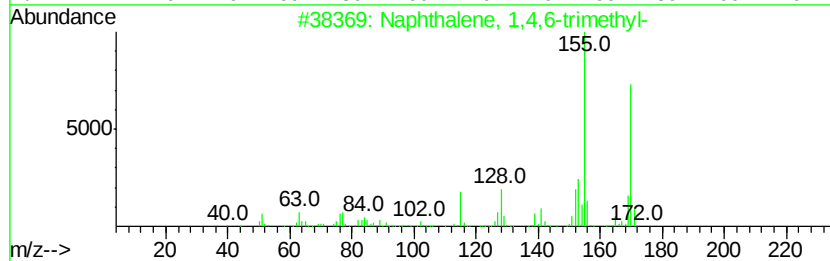
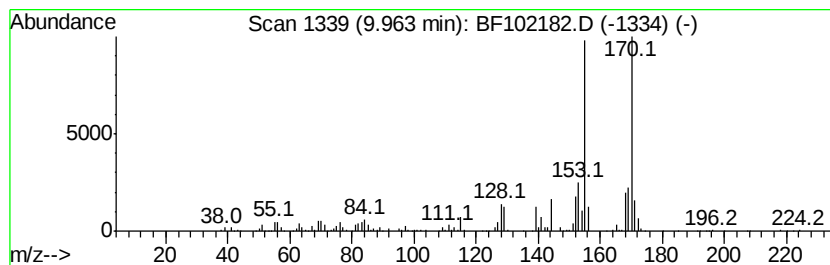
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 1,4,6-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	18.05 ng	1209760	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
4		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	90
5		1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	83



Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102182.D
Acq On : 18 Jan 2018 6:49
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Sample : J1144-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

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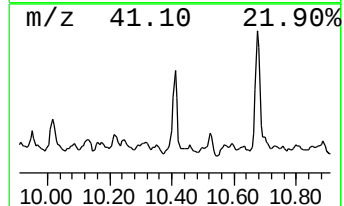
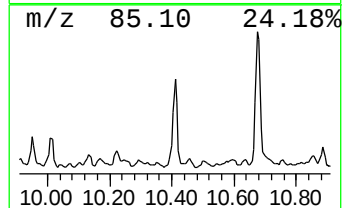
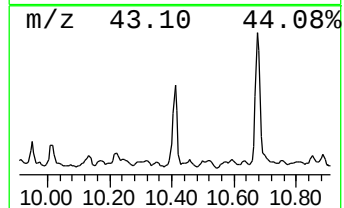
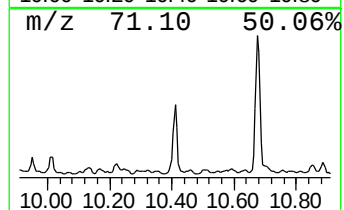
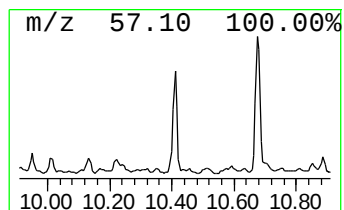
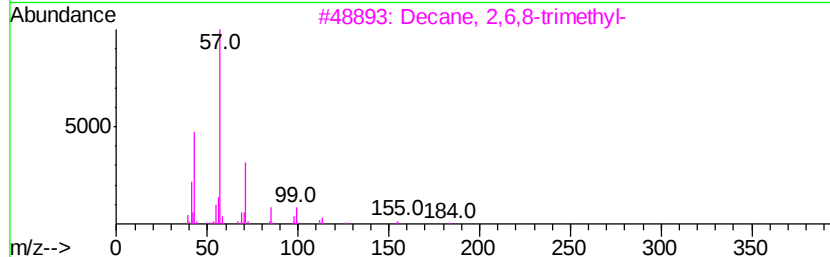
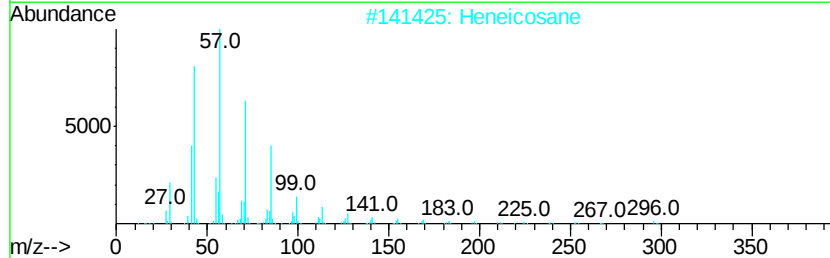
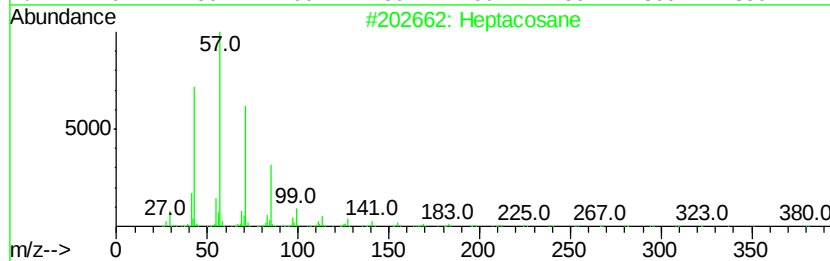
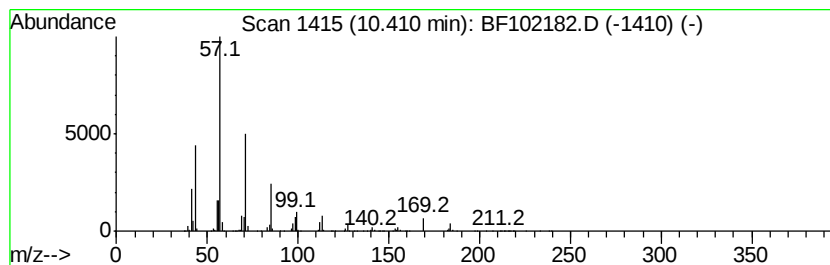
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heptacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.41	34.25 ng	2295450	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	87
2		Heneicosane	296	C21H44	000629-94-7	72
3		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	68
4		Tridecane, 6-methyl-	198	C14H30	013287-21-3	64
5		Eicosane	282	C20H42	000112-95-8	64



Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
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Operator : SJ/JU
Sample : J1144-09
Misc :
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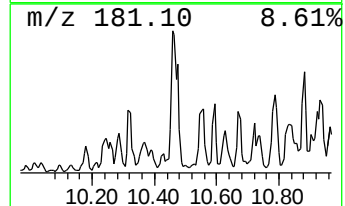
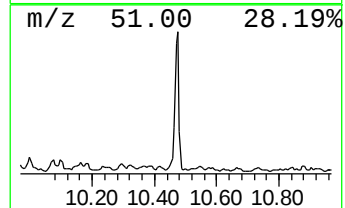
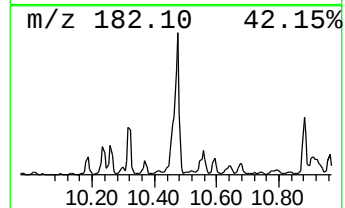
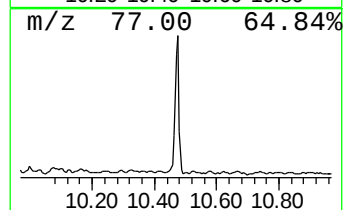
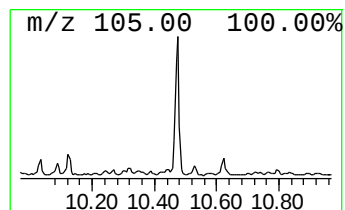
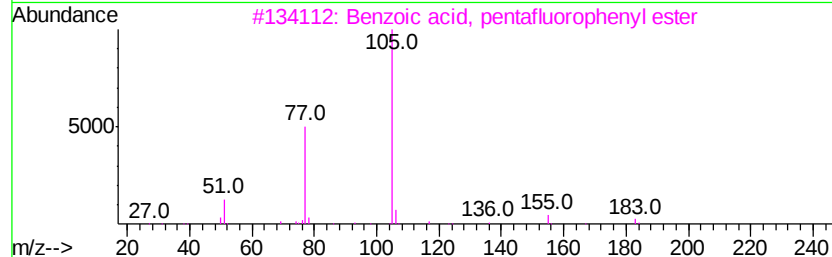
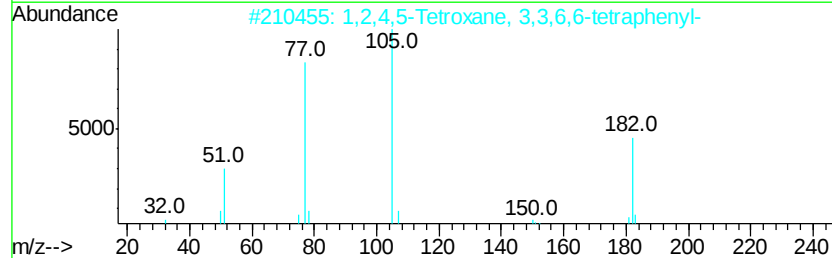
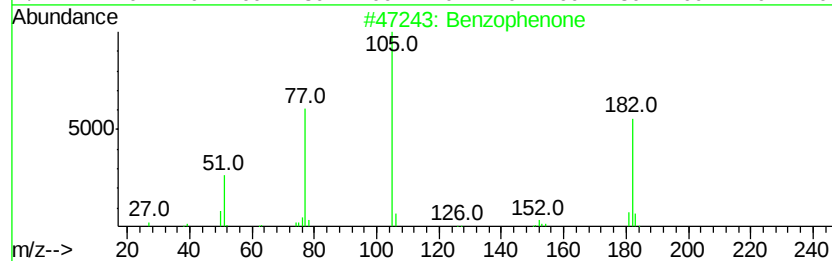
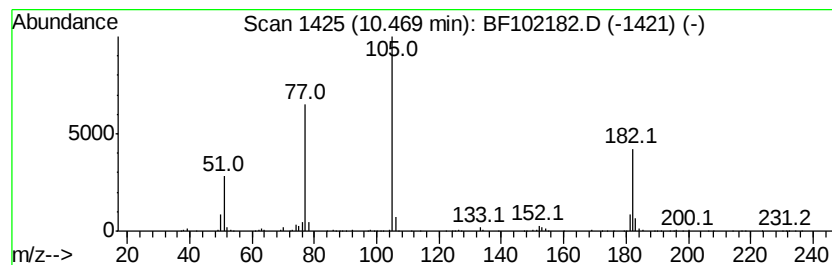
Instrument :
BNA_F
ClientSampled :
DS-3

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzophenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	17.35 ng	1162900	Acenaphthene-d10	9.76
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzophenone	182 C13H10O	000119-61-9 95
2		1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396 C26H20O4	016204-36-7 78
3		Benzoic acid, pentafluorophenyl ...	288 C13H5F5O2	1000360-67-9 47
4		2,5-Pyrrolidinedione, 1-(benzoyl...	219 C11H9N04	023405-15-4 43
5		Vinyl benzoate	148 C9H8O2	000769-78-8 43



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011718\
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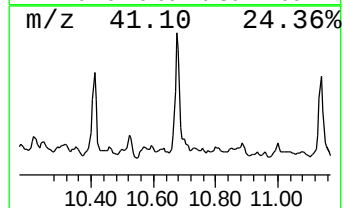
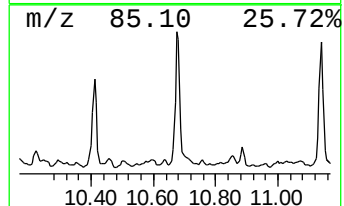
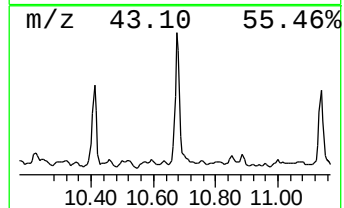
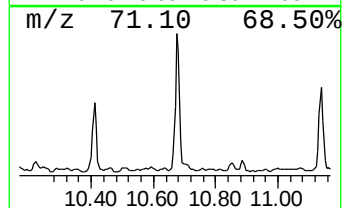
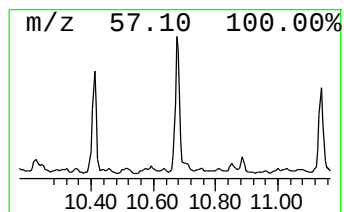
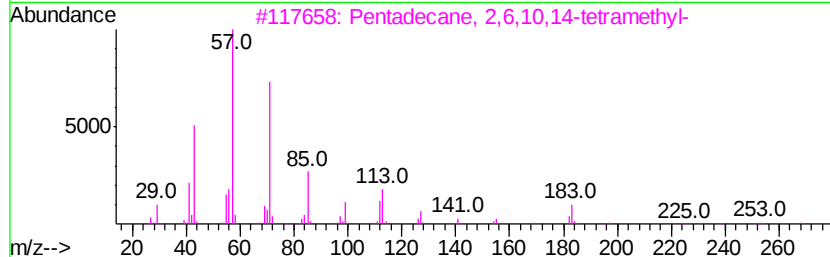
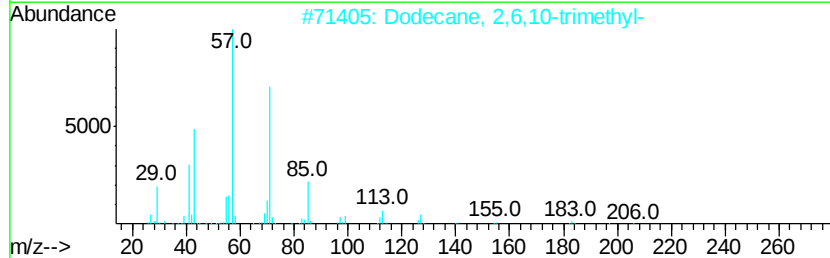
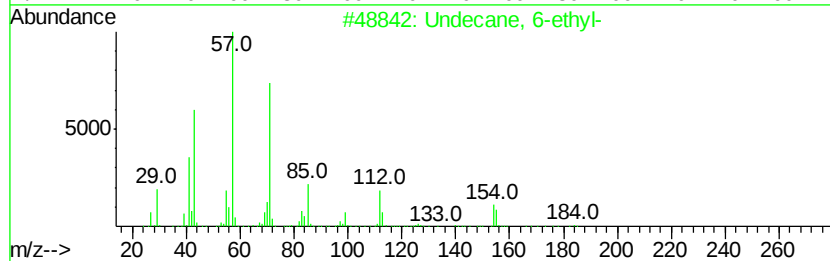
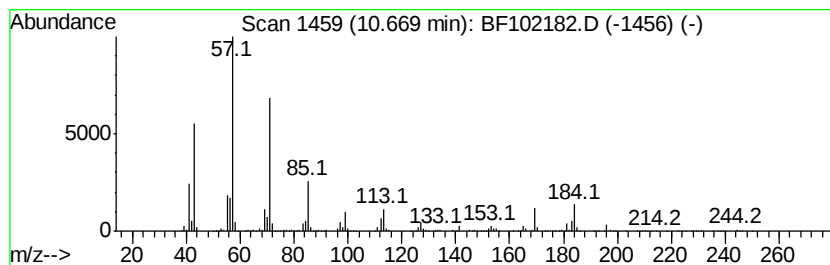
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Undecane, 6-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.67	60.74 ng	2993520	Phenanthrene-d10	11.24		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 6-ethyl-	184	C13H28	017312-60-6	90	
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	78	
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	78	
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72	
5	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	72	



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011718\
Data File : BF102182.D
Acq On : 18 Jan 2018 6:49
Operator : SJ/JU
Sample : J1144-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DS-3

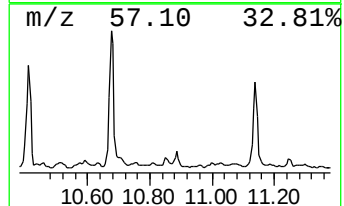
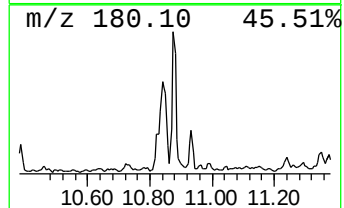
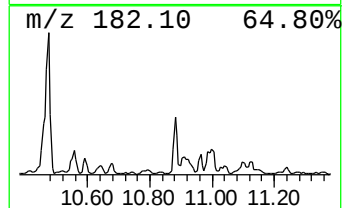
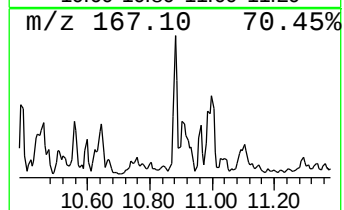
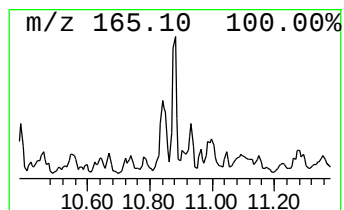
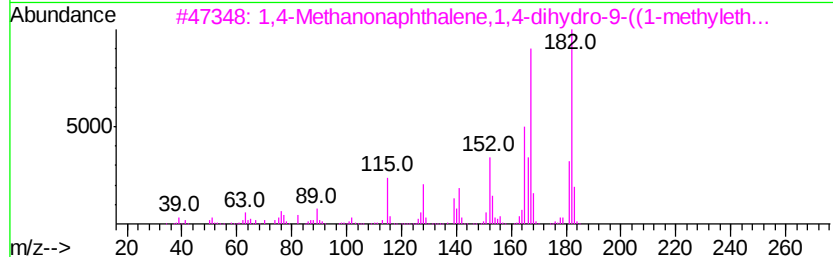
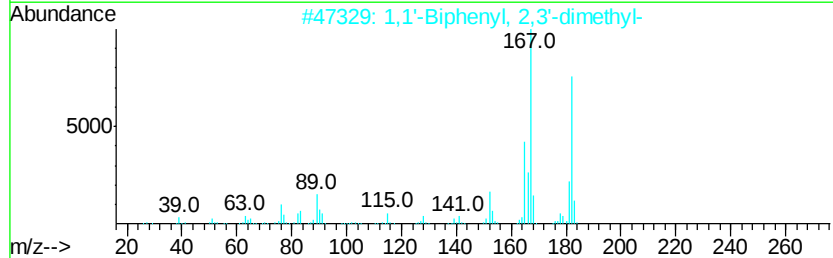
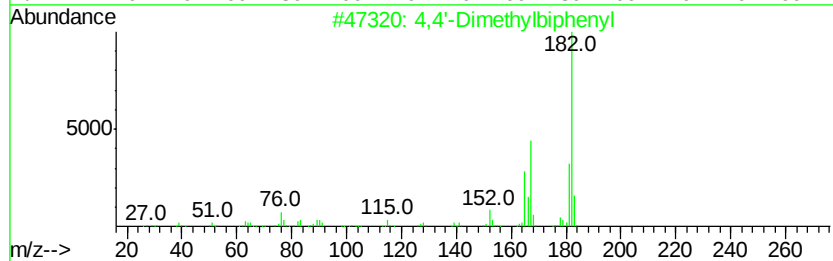
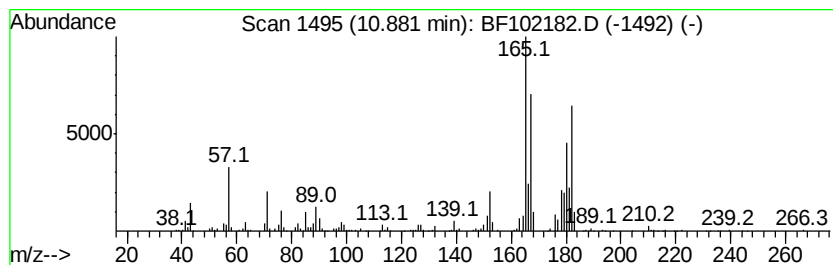
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 4,4'-Dimethylbiphenyl Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	13.69 ng	674610	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	64
2		1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	50
3		1,4-Methanonaphthalene,1,4-dihvd...	182	C14H14	007350-72-3	46
4		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	46
5		Benzene, 1-methyl-4-(phenylmethyl)-	182	C14H14	000620-83-7	45



Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102182.D
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Misc :
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ClientSampleId :
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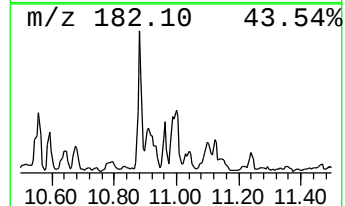
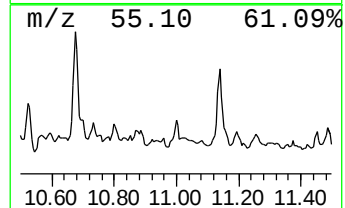
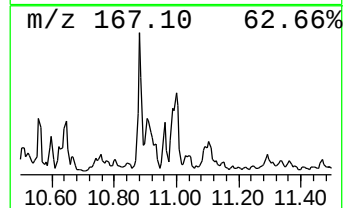
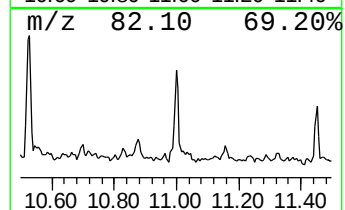
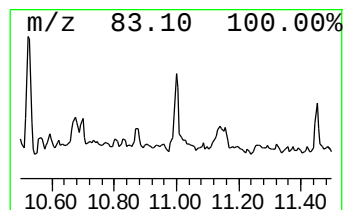
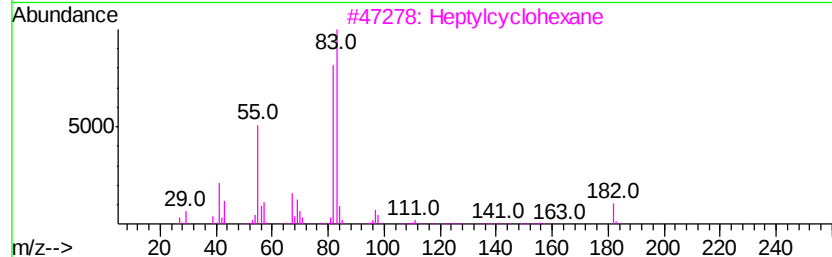
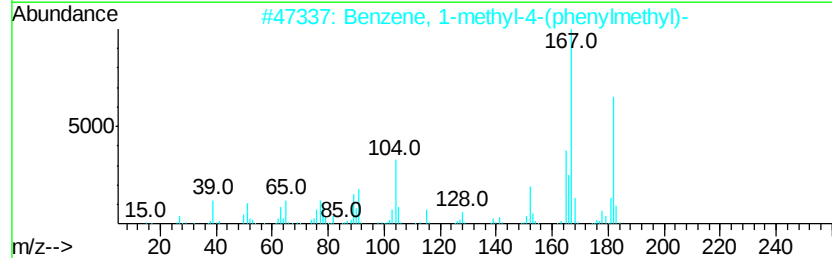
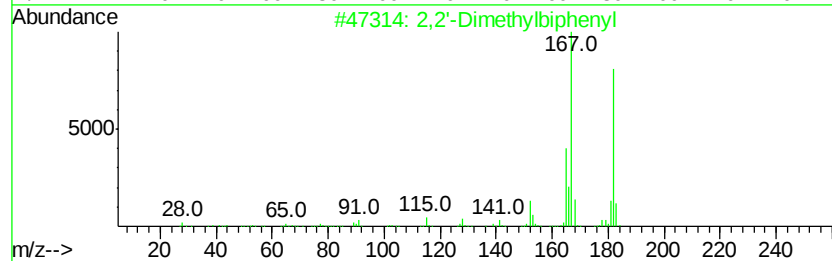
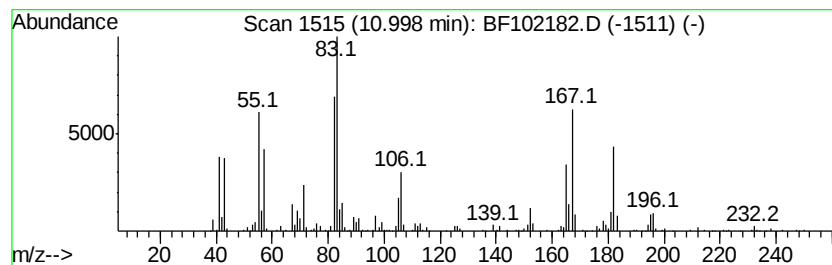
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 2,2'-Dimethylbiphenyl Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.00	12.14 ng	598385	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	84
2		Benzene, 1-methyl-4-(phenylmethyl)-	182	C14H14	000620-83-7	60
3		Heptylcyclohexane	182	C13H26	005617-41-4	55
4		1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	52
5		Cyclohexane, undecyl-	238	C17H34	054105-66-7	49



Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
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Acq On : 18 Jan 2018 6:49
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Sample : J1144-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DS-3

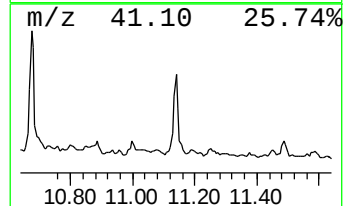
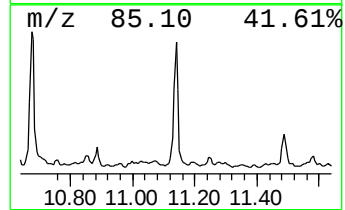
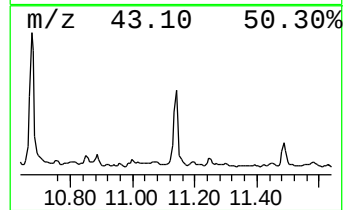
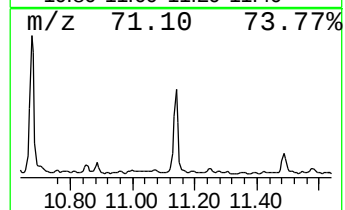
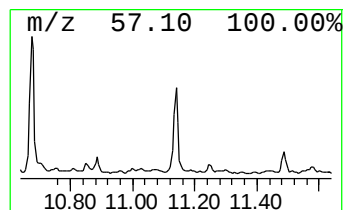
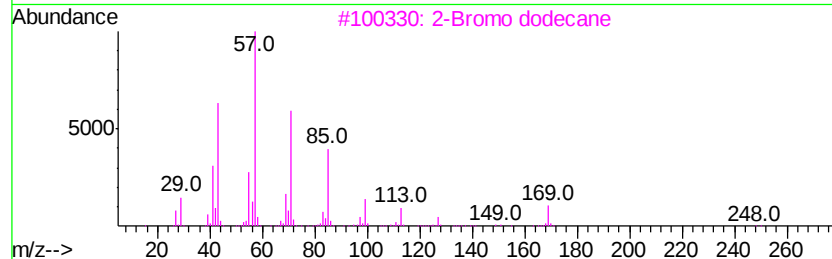
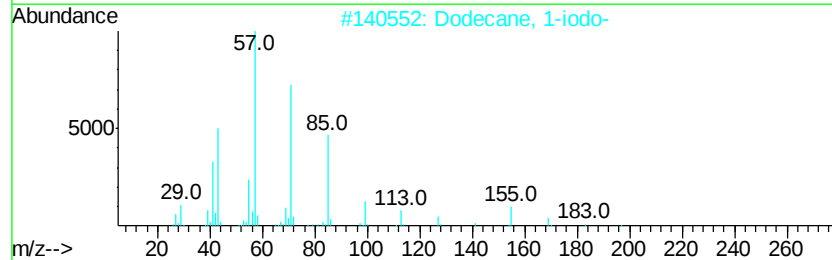
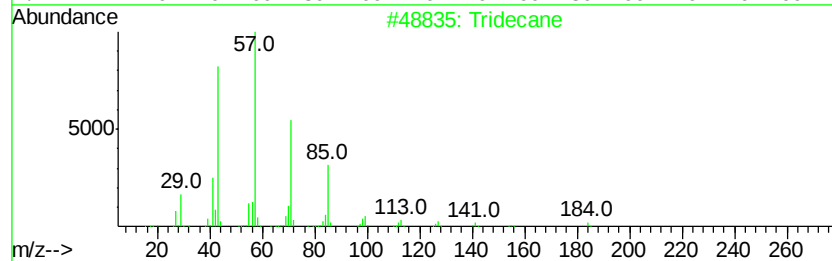
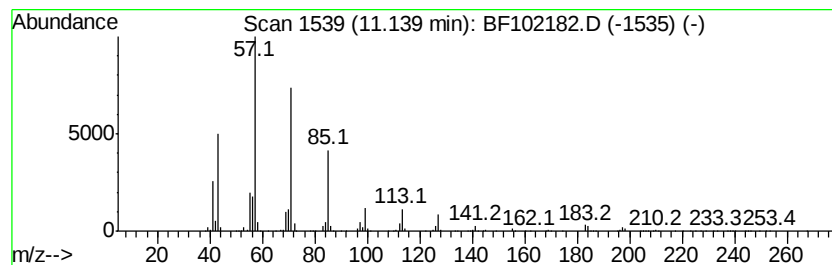
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	42.99 ng	2118870	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	91
2		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
3		2-Bromo dodecane	248	C12H25Br	013187-99-0	78
4		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	78
5		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011718\
 Data File : BF102182.D
 Acq On : 18 Jan 2018 6:49
 Operator : SJ/JU
 Sample : J1144-09
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DS-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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
unknown6.49	6.49	65.3	ng	4884590	1	6.72	1496020	20.0
Decane, 2,6,7-tri...	8.43	13.7	ng	1174900	2	8.00	1718610	20.0
Naphthalene, 1,2,...	8.51	16.7	ng	1437400	2	8.00	1718610	20.0
Naphthalene, 1-me...	8.82	32.7	ng	2811120	2	8.00	1718610	20.0
Dodecane, 2,6,10-...	9.03	27.0	ng	1811770	3	9.76	1340290	20.0
Cyclopentadecane	9.16	14.1	ng	946144	3	9.76	1340290	20.0
Naphthalene, 1,2,...	9.23	11.6	ng	774882	3	9.76	1340290	20.0
Naphthalene, 1,3-...	9.35	25.2	ng	1691630	3	9.76	1340290	20.0
Naphthalene, 2,3-...	9.42	28.5	ng	1908080	3	9.76	1340290	20.0
Naphthalene, 1,6,...	9.86	11.7	ng	782606	3	9.76	1340290	20.0
Naphthalene, 1,4,...	9.96	18.1	ng	1209760	3	9.76	1340290	20.0
Heptacosane	10.41	34.3	ng	2295450	3	9.76	1340290	20.0
Benzophenone	10.47	17.4	ng	1162900	3	9.76	1340290	20.0
Undecane, 6-ethyl-	10.67	60.7	ng	2993520	4	11.24	985647	20.0
4,4'-Dimethylbiph...	10.88	13.7	ng	674610	4	11.24	985647	20.0
2,2'-Dimethylbiph...	11.00	12.1	ng	598385	4	11.24	985647	20.0
Tridecane	11.14	43.0	ng	2118870	4	11.24	985647	20.0