

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100517\
 Data File : BF099130.D
 Acq On : 6 Oct 2017 5:52
 Operator : SJ/JU
 Sample : I5404-02 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-72(13.5-14)

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.469	570	575	580	rVB	583150	614540	18.57%	0.544%
2	6.110	678	684	690	rBV3	451038	779001	23.54%	0.690%
3	6.398	729	733	739	rBV5	380075	681379	20.59%	0.603%
4	6.481	744	747	750	rVB	654267	529252	16.00%	0.469%
5	6.604	763	768	770	rBV3	321450	496784	15.01%	0.440%
6	6.628	770	772	780	rVB2	806334	988176	29.87%	0.875%
7	6.869	810	813	816	rVB2	1208324	1404393	42.44%	1.244%
8	7.010	834	837	841	rBV2	831183	1114056	33.67%	0.987%
9	7.133	853	858	861	rVB3	793937	943050	28.50%	0.835%
10	7.263	873	880	882	rBV2	781007	902359	27.27%	0.799%
11	7.286	882	884	889	rVB5	319467	422494	12.77%	0.374%
12	7.398	897	903	905	rBV3	913313	1314938	39.74%	1.165%
13	7.439	905	910	913	rVB3	460325	677212	20.47%	0.600%
14	7.510	917	922	925	rBV3	870304	1295254	39.15%	1.147%
15	7.557	925	930	935	rBV3	637615	1372970	41.49%	1.216%
16	7.639	941	944	947	rVV3	976174	1161628	35.11%	1.029%
17	7.675	947	950	952	rVB2	748456	711543	21.50%	0.630%
18	7.745	958	962	963	rBV	609834	664890	20.09%	0.589%
19	7.763	963	965	967	rVV	759137	615713	18.61%	0.545%
20	7.786	967	969	973	rVB3	1254006	1203532	36.37%	1.066%
21	7.886	983	986	987	rBV	691394	612791	18.52%	0.543%
22	7.963	996	999	1005	rVB4	576353	786796	23.78%	0.697%
23	8.016	1005	1008	1011	rBV2	885834	940635	28.43%	0.833%
24	8.098	1018	1022	1025	rVV4	609412	1133409	34.25%	1.004%
25	8.139	1025	1029	1030	rVV3	1299651	1824466	55.14%	1.616%
26	8.169	1032	1034	1036	rVV3	1512056	1590123	48.06%	1.408%
27	8.210	1036	1041	1043	rVB2	2106305	2701163	81.64%	2.392%
28	8.233	1043	1045	1048	rBV3	1025725	950113	28.71%	0.841%
29	8.304	1053	1057	1058	rBV3	525862	554379	16.75%	0.491%
30	8.351	1062	1065	1067	rVB3	681713	698217	21.10%	0.618%
31	8.439	1072	1080	1084	rBV8	1660064	2690824	81.32%	2.383%
32	8.492	1087	1089	1093	rVB4	497541	493167	14.90%	0.437%
33	8.533	1093	1096	1098	rBV3	992854	986268	29.81%	0.873%
34	8.569	1099	1102	1104	rBV	2007881	1870673	56.54%	1.657%

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

35	8.592	1104	1106	1107	rVV2	692286	581958	17.59%	0.515%
36	8.616	1107	1110	1113	rVB2	1030857	1058984	32.01%	0.938%
37	8.657	1114	1117	1119	rBV2	942058	857135	25.90%	0.759%
38	8.739	1129	1131	1134	rBV2	798540	918538	27.76%	0.813%
39	8.839	1144	1148	1150	rVB5	949863	1169114	35.33%	1.035%
40	8.869	1150	1153	1155	rVB	1147935	941739	28.46%	0.834%
41	8.898	1155	1158	1160	rVB3	840984	654655	19.79%	0.580%
42	8.927	1160	1163	1165	rBV4	736157	926133	27.99%	0.820%
43	8.969	1165	1170	1173	rVV2	1058271	1522098	46.00%	1.348%
44	8.992	1173	1174	1177	rVB2	762449	496511	15.01%	0.440%
45	9.027	1177	1180	1182	rBV3	495596	671307	20.29%	0.595%
46	9.057	1182	1185	1189	rVB5	997958	1018879	30.79%	0.902%
47	9.145	1198	1200	1202	rBV3	558408	429420	12.98%	0.380%
48	9.169	1202	1204	1209	rVB3	2134679	2186923	66.09%	1.937%
49	9.222	1210	1213	1215	rBV3	717859	558393	16.88%	0.495%
50	9.310	1224	1228	1232	rBV5	1175202	1677455	50.70%	1.486%
51	9.492	1256	1259	1263	rBV3	1088194	1346730	40.70%	1.193%
52	9.574	1269	1273	1275	rBV	2334554	2972560	89.84%	2.633%
53	9.598	1275	1277	1278	rVV2	737444	584458	17.66%	0.518%
54	9.622	1278	1281	1284	rVV3	2659888	3308781	100.00%	2.930%
55	9.686	1288	1292	1294	rBV	1539397	1681956	50.83%	1.490%
56	9.727	1297	1299	1301	rVB	740758	552378	16.69%	0.489%
57	9.774	1304	1307	1309	rVB2	1772806	1659066	50.14%	1.469%
58	9.822	1309	1315	1317	rVB2	1539441	1849288	55.89%	1.638%
59	9.945	1333	1336	1339	rBV4	993753	1168281	35.31%	1.035%
60	10.016	1344	1348	1352	rBV	1420559	2042395	61.73%	1.809%
61	10.057	1352	1355	1358	rBV3	681395	839547	25.37%	0.744%
62	10.110	1359	1364	1368	rVB2	1759760	2317269	70.03%	2.052%
63	10.157	1368	1372	1375	rBV2	1959671	2047027	61.87%	1.813%
64	10.227	1380	1384	1386	rBV	1995619	2130761	64.40%	1.887%
65	10.257	1386	1389	1391	rVV	1494269	1241974	37.54%	1.100%
66	10.316	1395	1399	1401	rBV3	1576245	2186824	66.09%	1.937%
67	10.457	1420	1423	1425	rBV2	1053053	1168111	35.30%	1.035%
68	10.527	1433	1435	1436	rBV	537910	460700	13.92%	0.408%
69	10.551	1436	1439	1444	rVV2	1857343	2669099	80.67%	2.364%
70	10.604	1445	1448	1453	rVB5	733251	1456380	44.02%	1.290%
71	10.674	1458	1460	1462	rVV3	546017	480810	14.53%	0.426%

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72	10.692	1462	1463	1467	rVV4	725384	732290	22.13%	0.649%
73	10.727	1467	1469	1474	rVB3	666413	890614	26.92%	0.789%
74	10.821	1480	1485	1488	rBV	2910342	3109476	93.98%	2.754%
75	10.892	1495	1497	1500	rVB	704711	581706	17.58%	0.515%
76	10.998	1512	1515	1518	rBV3	445938	636752	19.24%	0.564%
77	11.033	1518	1521	1524	rVB4	894543	870011	26.29%	0.771%
78	11.139	1533	1539	1541	rBV4	627443	1100269	33.25%	0.974%
79	11.280	1559	1563	1569	rVB2	1682279	2310256	69.82%	2.046%
80	11.392	1579	1582	1584	rBV2	712436	767486	23.20%	0.680%
81	11.421	1584	1587	1590	rVV	2105792	1932615	58.41%	1.712%
82	11.504	1598	1601	1604	rBV2	394875	440657	13.32%	0.390%
83	11.621	1619	1621	1624	rBV3	577003	598379	18.08%	0.530%
84	11.721	1636	1638	1644	rVB	467558	489179	14.78%	0.433%
85	11.892	1664	1667	1670	rBV	811539	794471	24.01%	0.704%
86	11.921	1670	1672	1676	rVB	1001918	862784	26.08%	0.764%
87	11.968	1677	1680	1683	rBV2	392049	486722	14.71%	0.431%
88	12.004	1683	1686	1689	rVV2	875204	1084121	32.76%	0.960%
89	12.445	1758	1761	1764	rBV	676058	650765	19.67%	0.576%
90	12.610	1785	1789	1792	rBV	1270809	1055672	31.91%	0.935%
91	12.833	1821	1827	1833	rVB	1413005	1555508	47.01%	1.378%
92	13.168	1879	1884	1888	rVB2	469680	712751	21.54%	0.631%
93	13.751	1980	1983	1986	rBV2	410397	424720	12.84%	0.376%
94	13.933	2011	2014	2018	rBV3	835333	854721	25.83%	0.757%
95	14.027	2022	2030	2032	rVV2	941088	1659124	50.14%	1.469%
96	14.051	2032	2034	2041	rVV	556931	545749	16.49%	0.483%
97	15.068	2202	2207	2214	rBV2	304489	607409	18.36%	0.538%
98	15.433	2265	2269	2276	rBV	351361	441856	13.35%	0.391%
99	15.504	2276	2281	2284	rBV	565865	726742	21.96%	0.644%
100	18.339	2755	2763	2772	rBV4	165468	431185	13.03%	0.382%

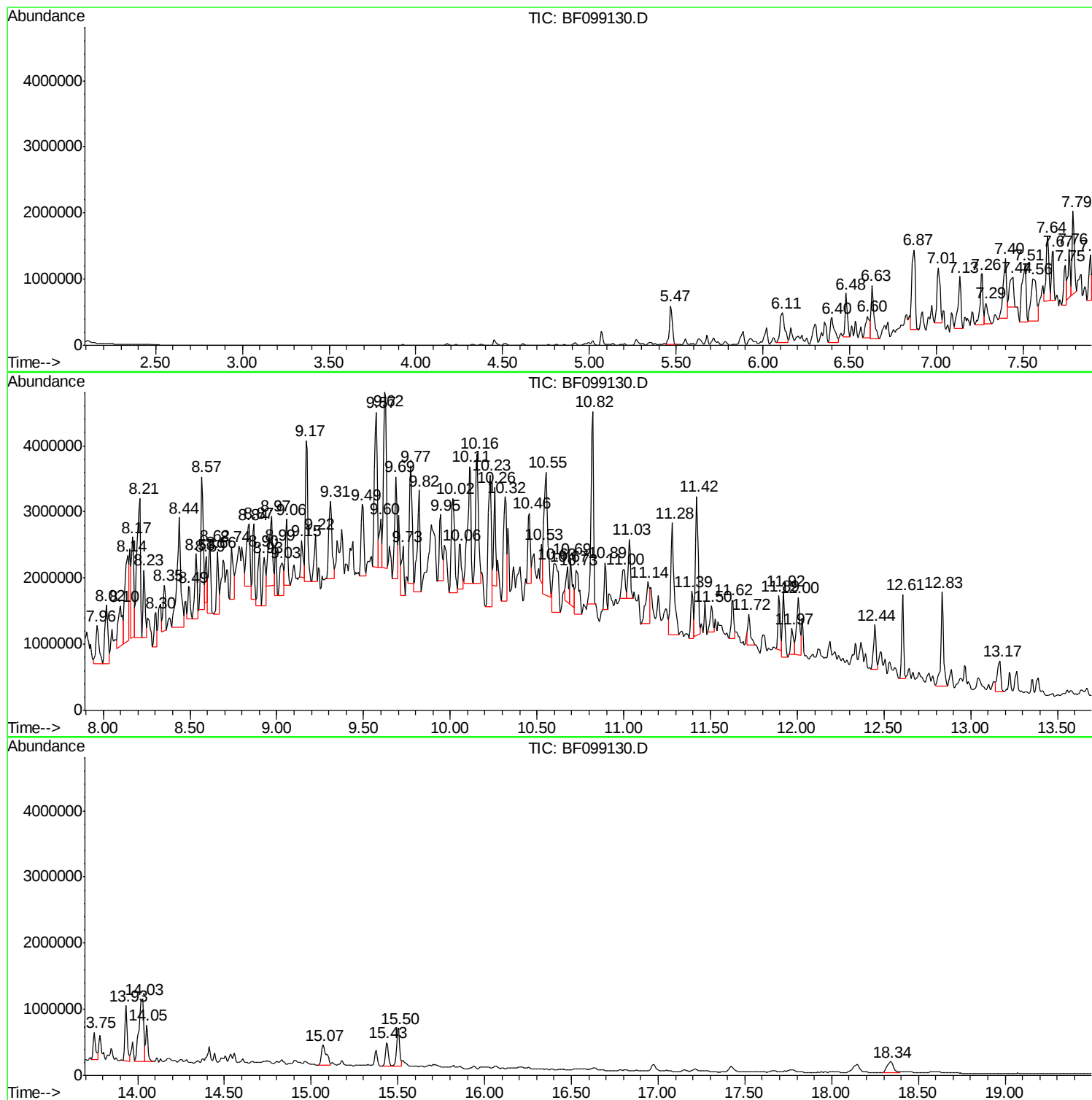
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B-72(13.5-14)

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

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



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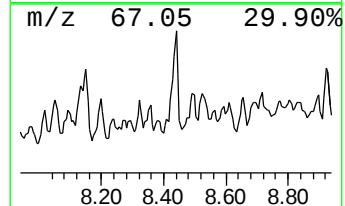
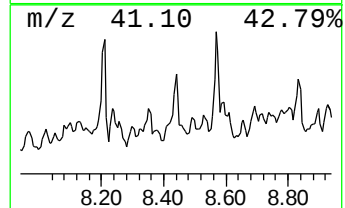
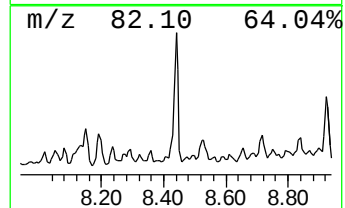
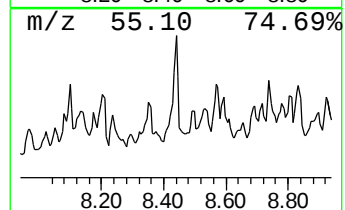
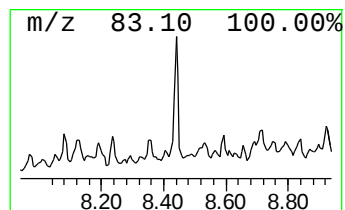
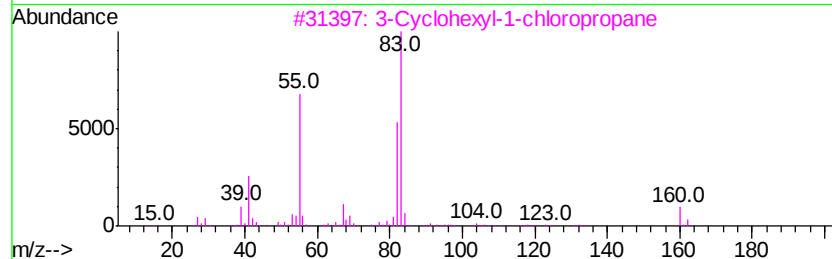
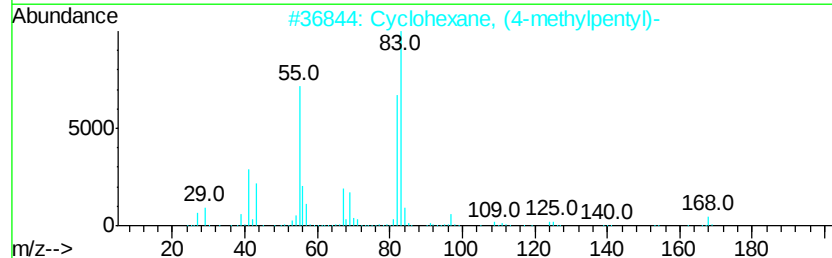
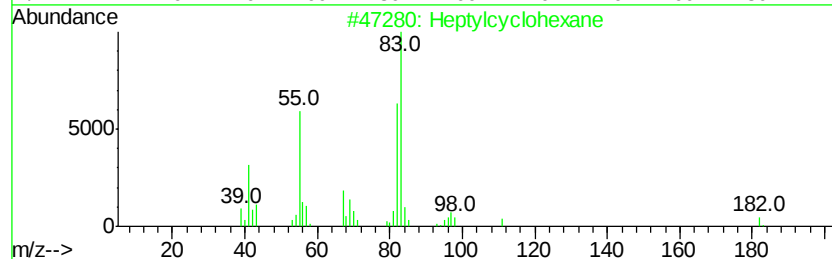
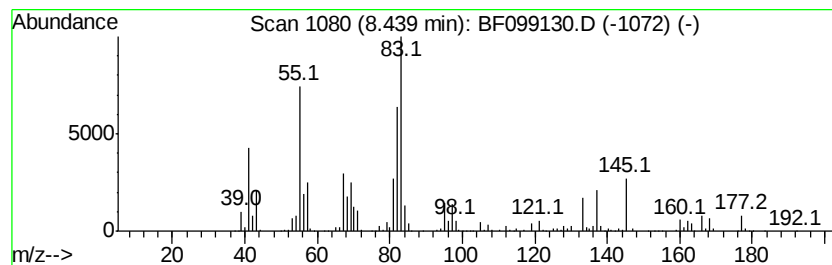
Instrument :
BNA_F
ClientSampleId :
B-72(13.5-14)

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

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

Peak Number 1 Heptylcyclohexane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.44	29.50 ng	2690820	Napthalene-d8	8.15
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Heptylcyclohexane	182 C13H26	005617-41-4 53
2		Cyclohexane, (4-methylpentyl)-	168 C12H24	061142-20-9 52
3		3-Cyclohexyl-1-chloropropane	160 C9H17Cl	001124-62-5 52
4		Cyclohexane, (1-methylethyl)-	126 C9H18	000696-29-7 50
5		Cyclohexane, butyl-	140 C10H20	001678-93-9 50



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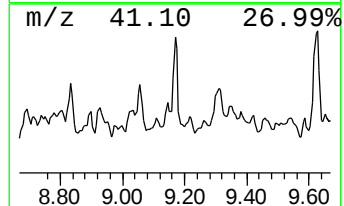
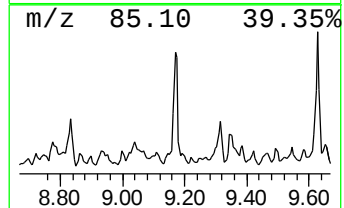
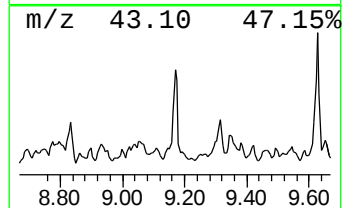
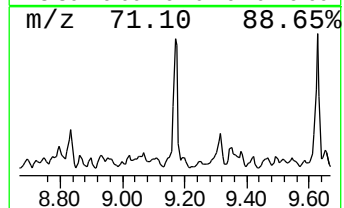
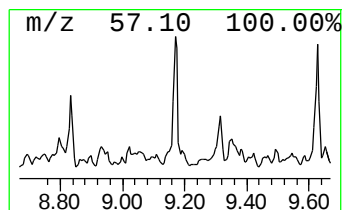
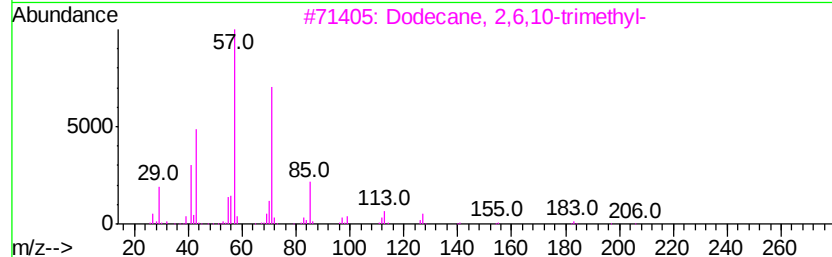
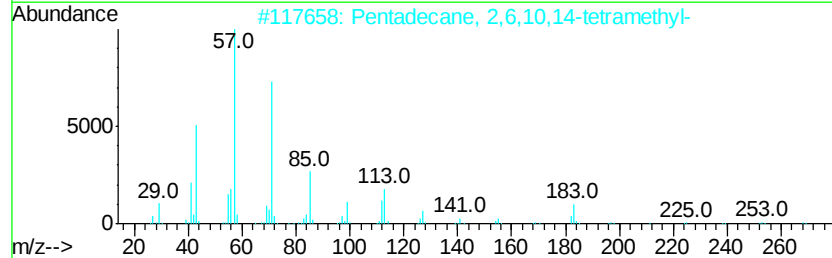
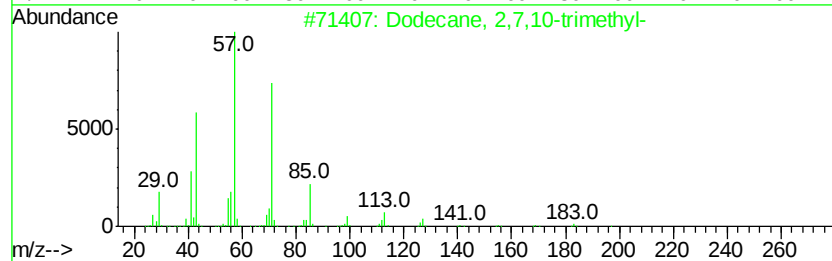
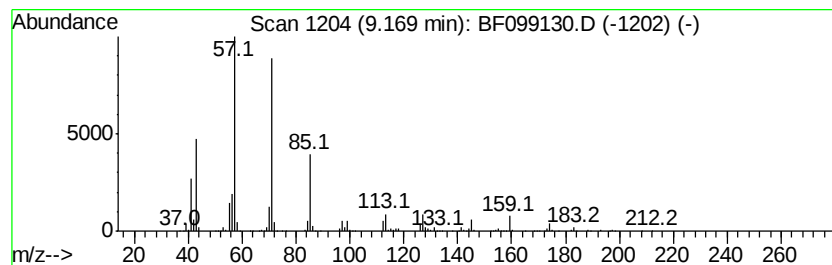
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	37.44 ng	2186920	Acenaphthene-d10	9.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
2		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72
3		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
4		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	68
5		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64



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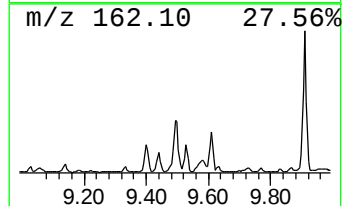
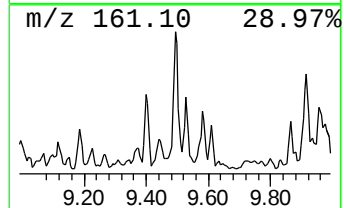
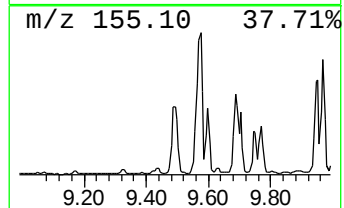
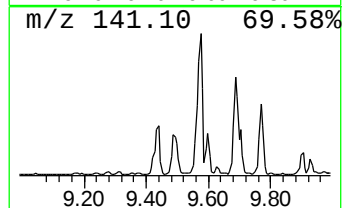
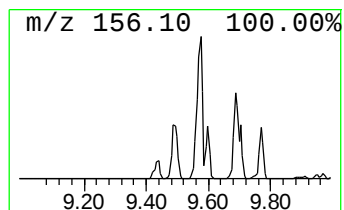
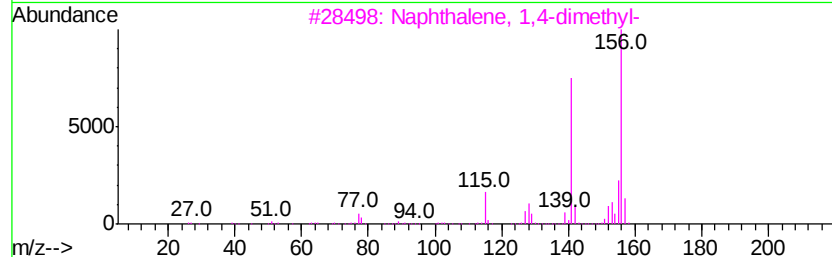
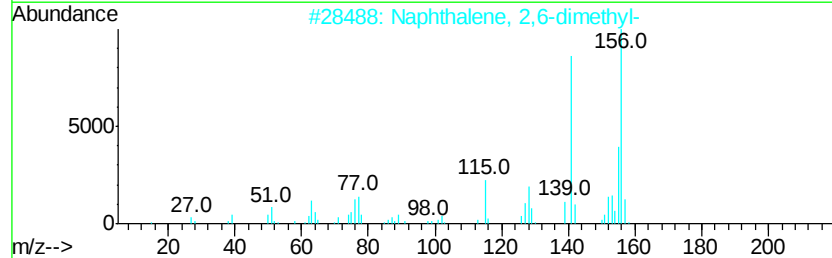
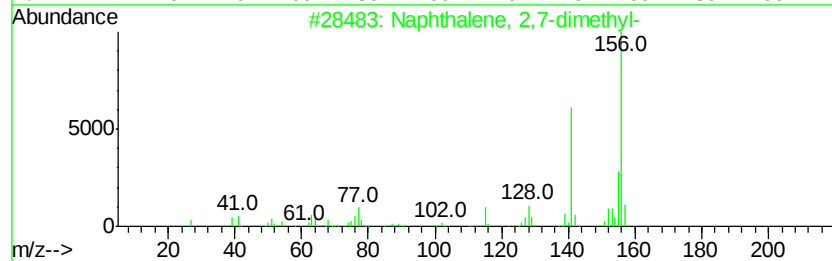
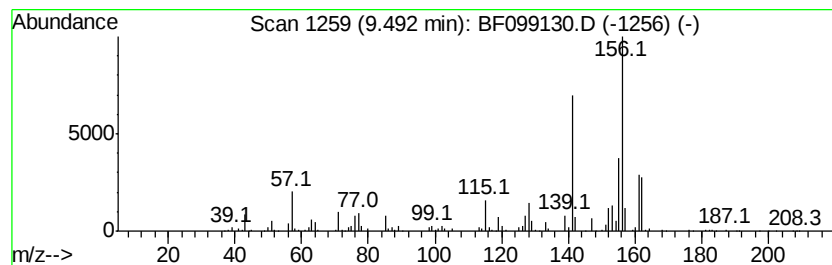
Instrument :
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B-72(13.5-14)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Naphthalene, 2,7-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	23.05 ng	1346730	Acenaphthene-d10	9.91
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 96
2		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 96
3		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 96
4		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 96
5		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 95



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100517\
Data File : BF099130.D
Acq On : 6 Oct 2017 5:52
Operator : SJ/JU
Sample : I5404-02 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-72(13.5-14)

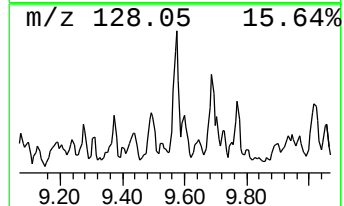
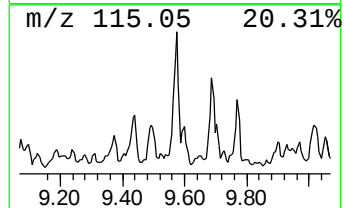
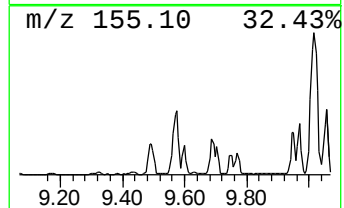
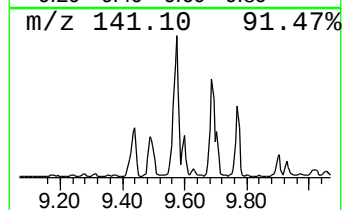
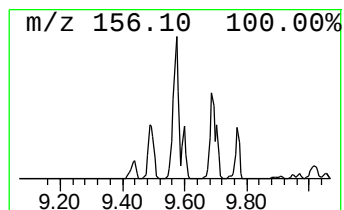
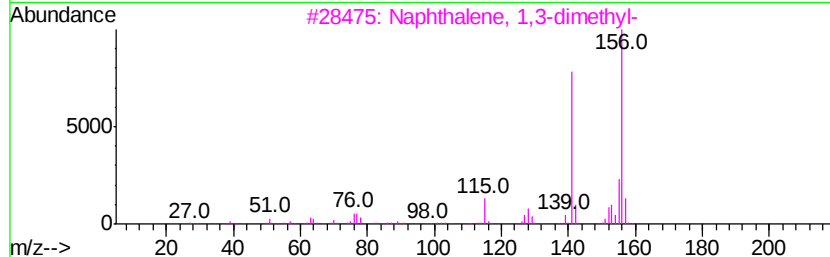
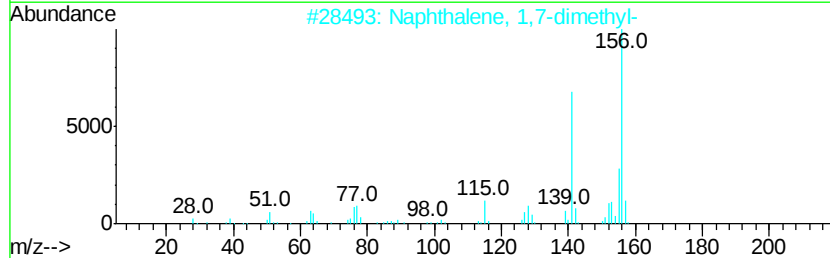
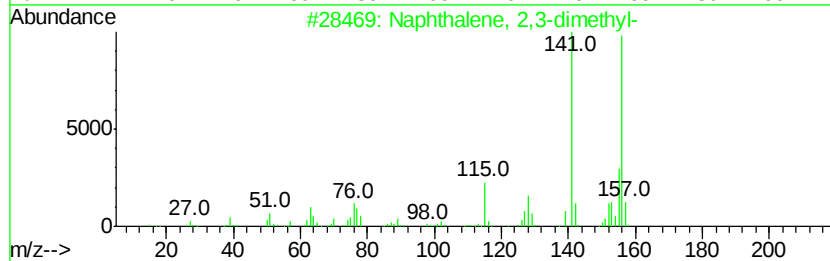
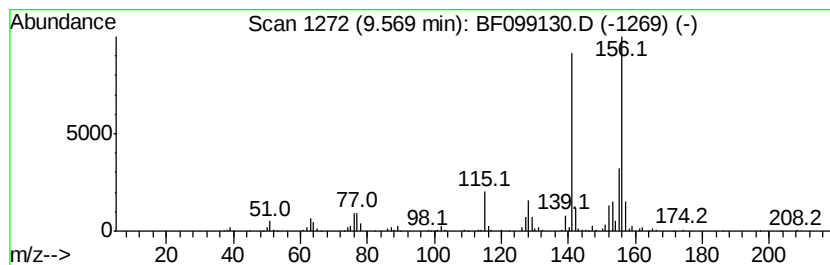
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.57	50.89 ng	2972560	Acenaphthene-d10	9.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5		Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100517\
Data File : BF099130.D
Acq On : 6 Oct 2017 5:52
Operator : SJ/JU
Sample : I5404-02 5X
Misc :
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Instrument :
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ClientSampleId :
B-72(13.5-14)

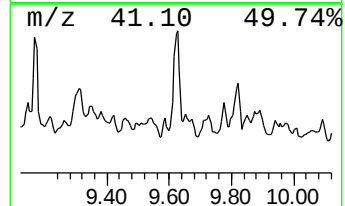
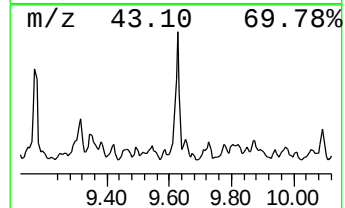
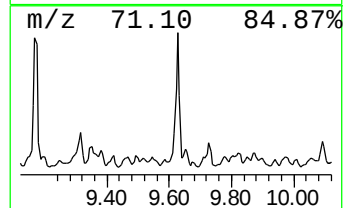
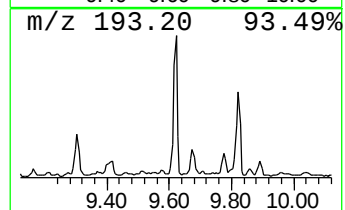
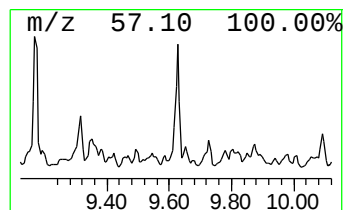
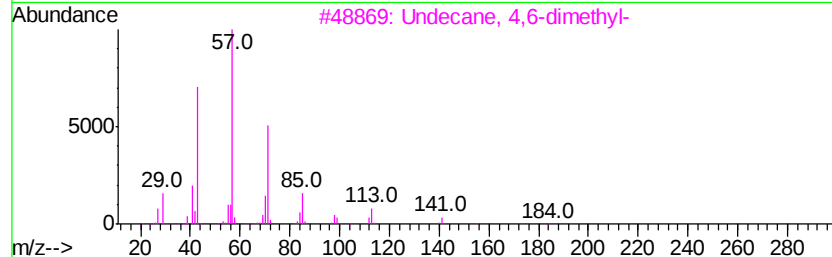
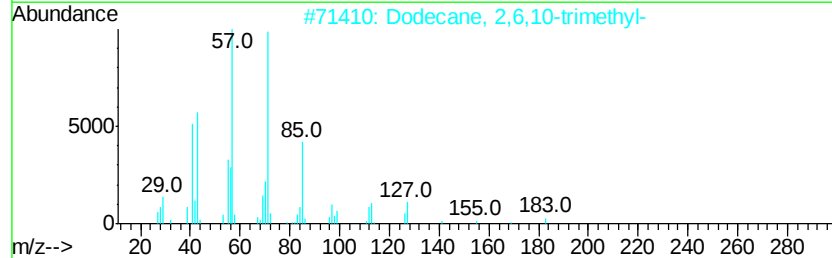
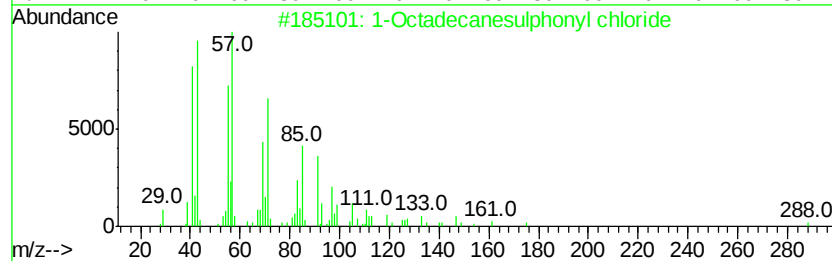
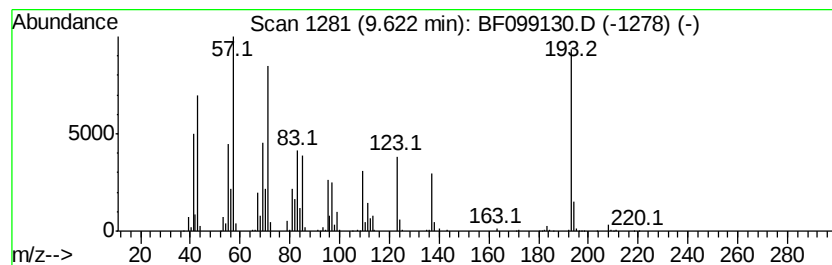
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown9.62 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	56.64 ng	3308780	Acenaphthene-d10	9.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	30
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	18
3		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	18
4		2,6,10-Trimethylundeca-1,3-diene	194	C14H26	1000222-09-1	15
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	14



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100517\
Data File : BF099130.D
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Sample : I5404-02 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-72(13.5-14)

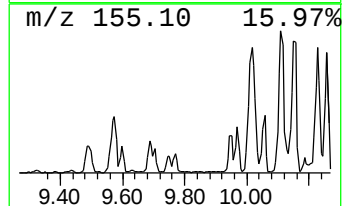
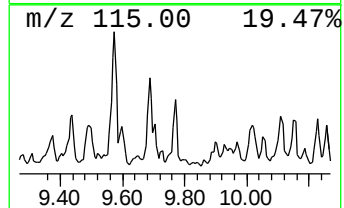
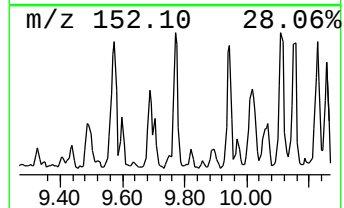
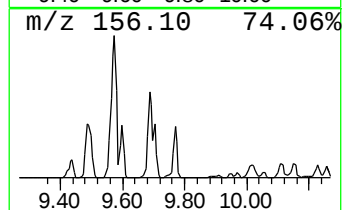
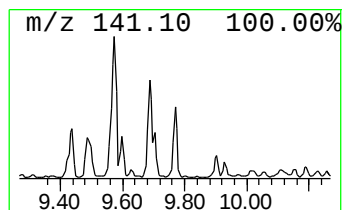
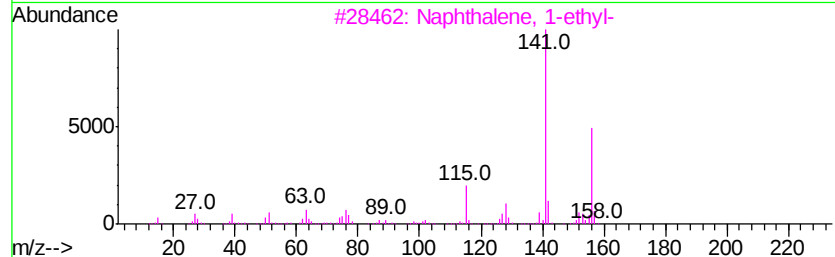
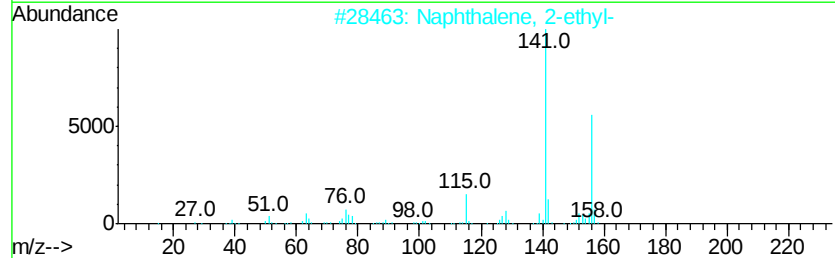
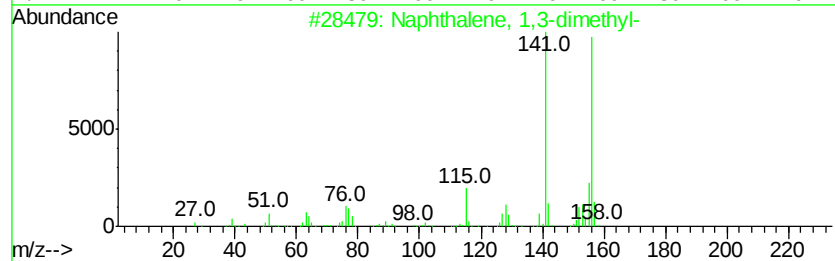
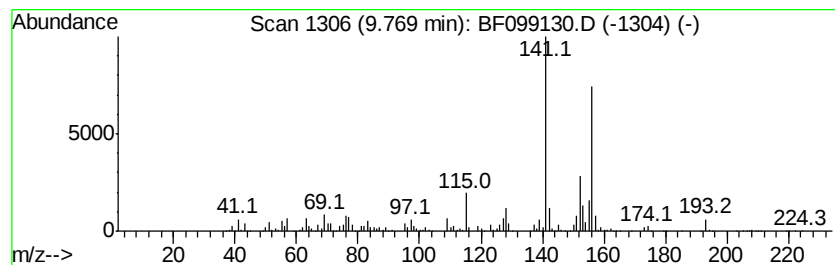
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 1,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	28.40 ng	1659070	Acenaphthene-d10	9.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	55
2		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	55
3		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	53
4		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	49
5		Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100517\
Data File : BF099130.D
Acq On : 6 Oct 2017 5:52
Operator : SJ/JU
Sample : I5404-02 5X
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ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-72(13.5-14)

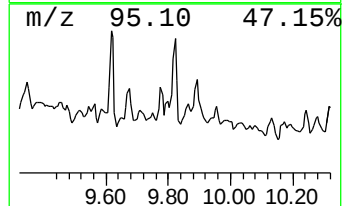
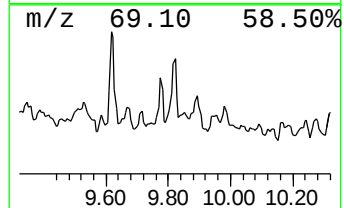
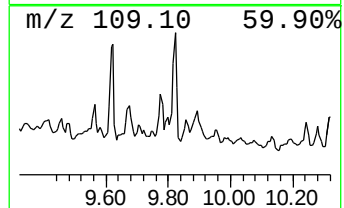
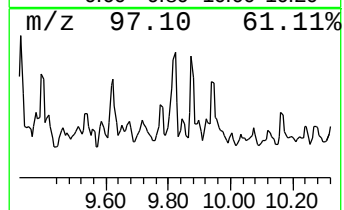
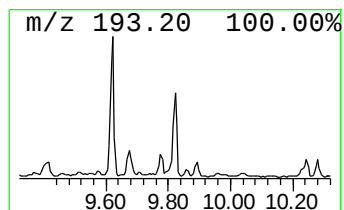
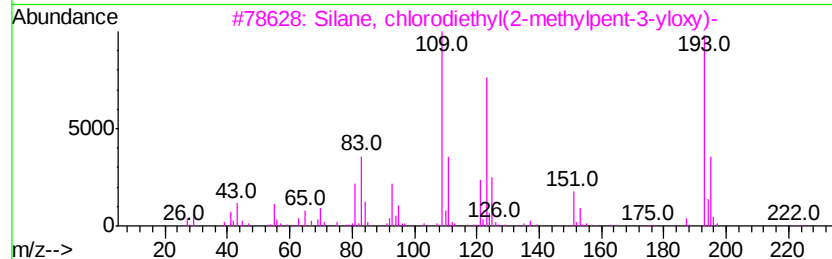
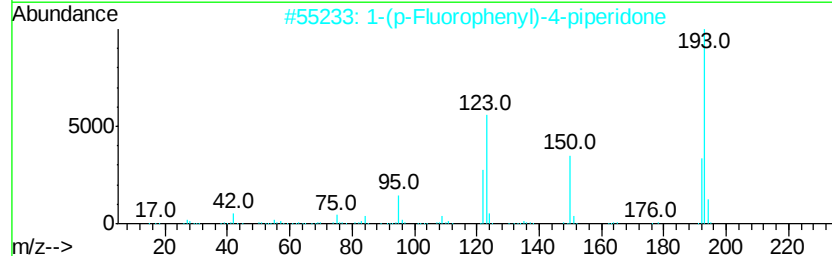
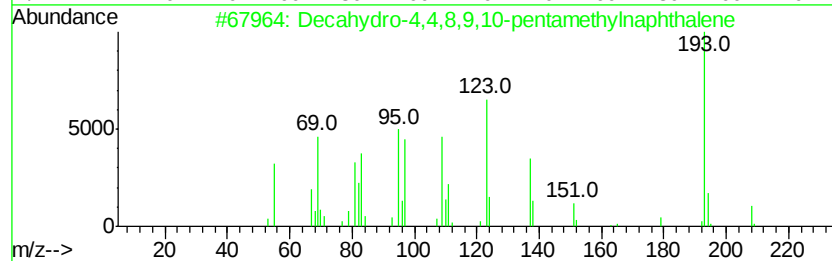
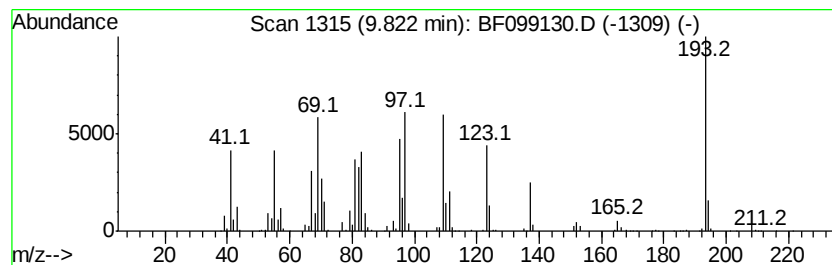
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Decahydro-4,4,8,9,10-pentam... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	31.66 ng	1849290	Acenaphthene-d10	9.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	64
2		1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	35
3		Silane, chlorodiethyl(2-methylpe...	222	C10H23ClOSi	1000363-79-1	32
4		[1,2,4]Triazolo[1,5-a]pyrimidin-...	193	C8H11N5O	1000351-50-1	27
5		2,6-Heptadienal, 2,4-dimethyl-	138	C9H14O	085136-08-9	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100517\
Data File : BF099130.D
Acq On : 6 Oct 2017 5:52
Operator : SJ/JU
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Instrument :
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ClientSampleId :
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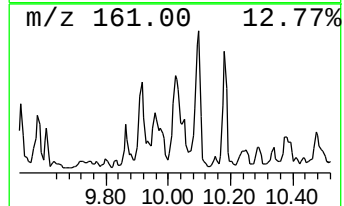
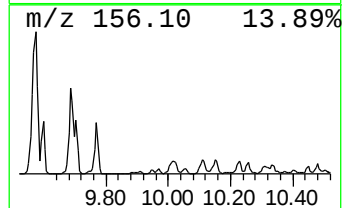
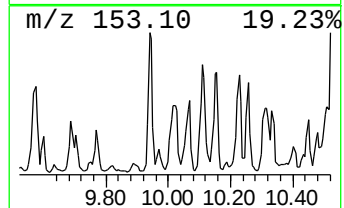
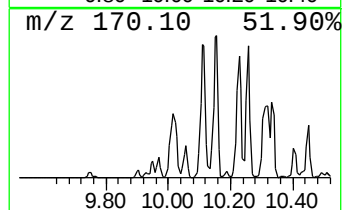
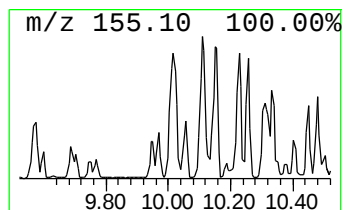
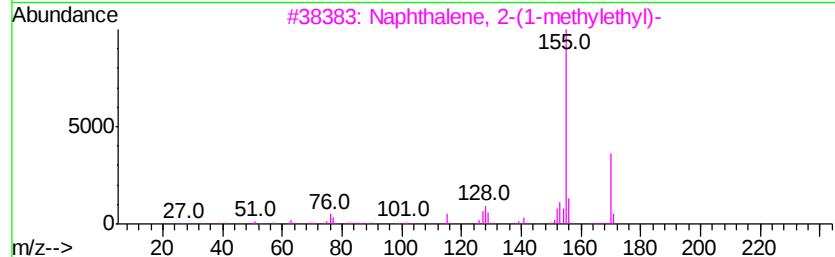
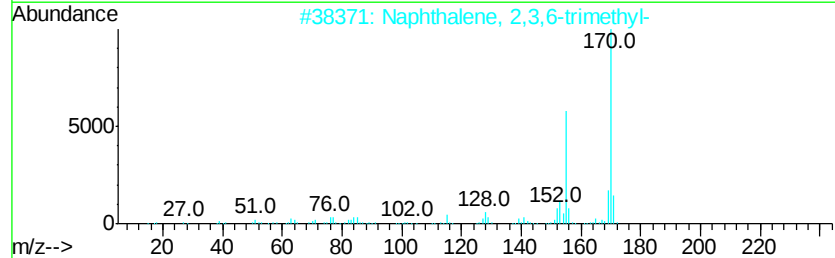
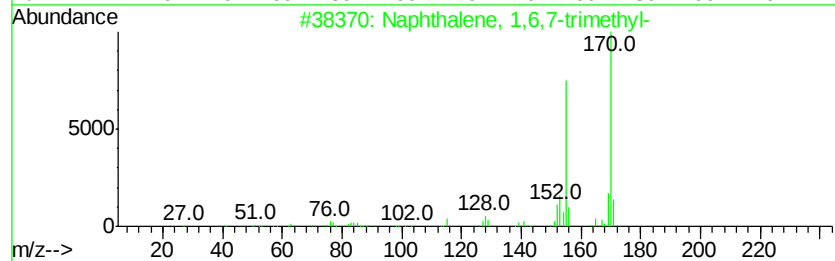
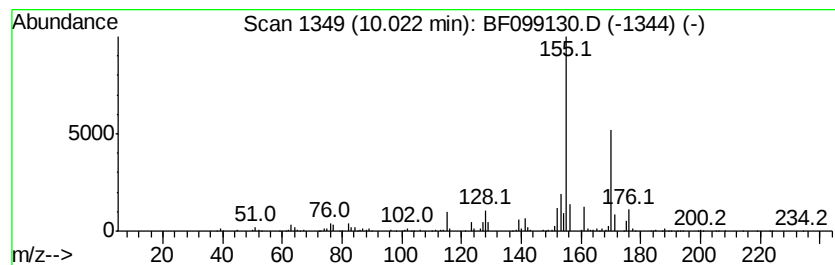
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 1,6,7-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.02	34.96 ng	2042400	Acenaphthene-d10	9.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
3		Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	90
4		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	86
5		2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100517\
Data File : BF099130.D
Acq On : 6 Oct 2017 5:52
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Misc :
ALS Vial : 27 Sample Multiplier: 1

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ClientSampleId :
B-72(13.5-14)

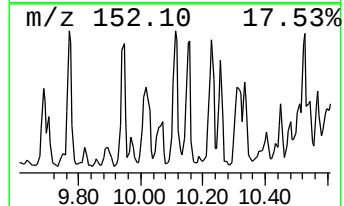
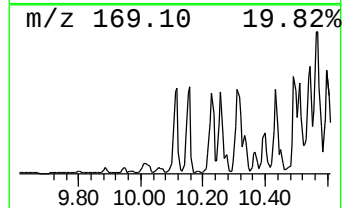
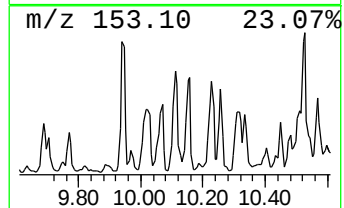
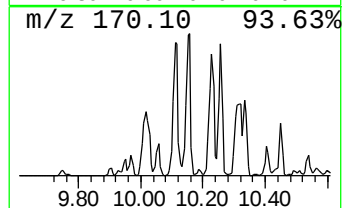
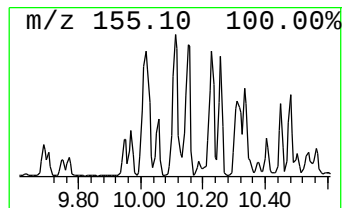
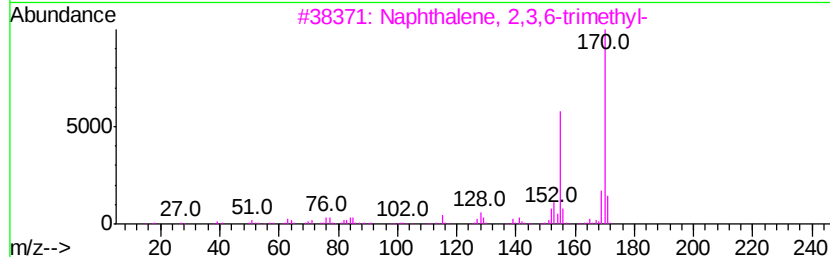
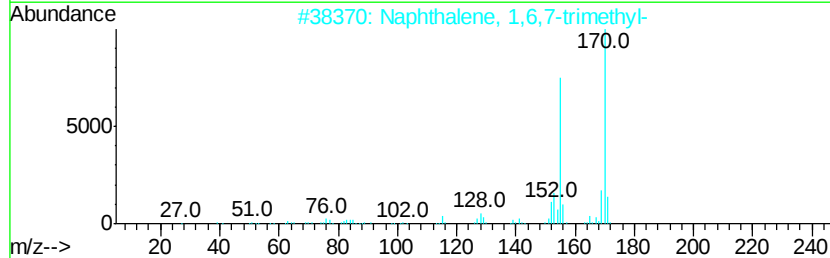
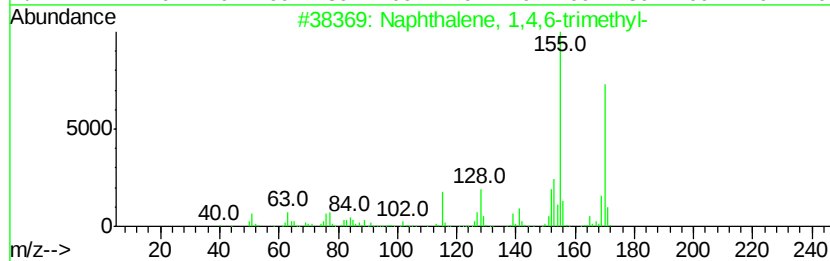
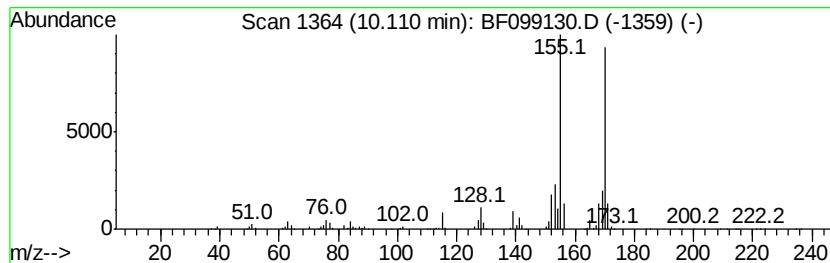
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.11	39.67 ng	2317270	Acenaphthene-d10	9.91

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		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	87
5		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100517\
Data File : BF099130.D
Acq On : 6 Oct 2017 5:52
Operator : SJ/JU
Sample : I5404-02 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampled :
B-72(13.5-14)

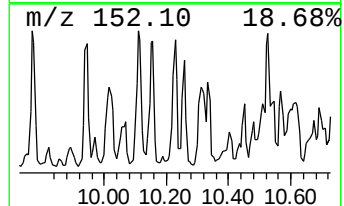
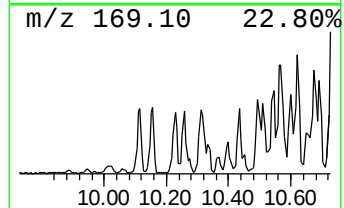
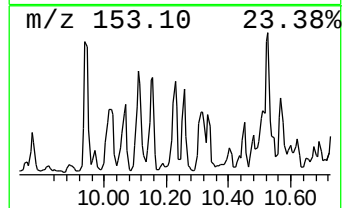
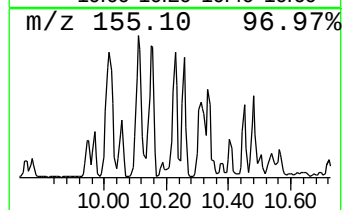
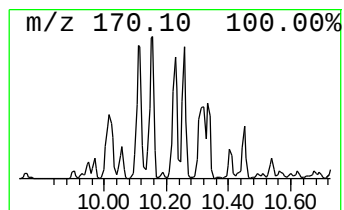
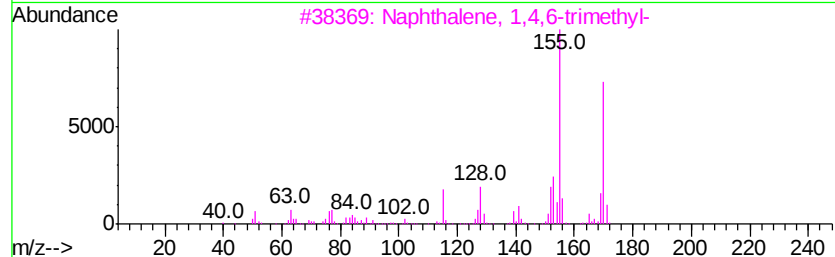
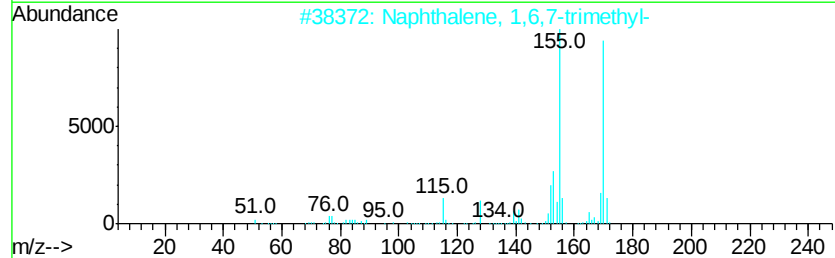
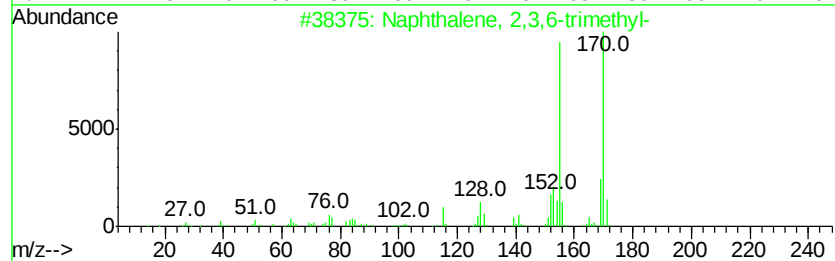
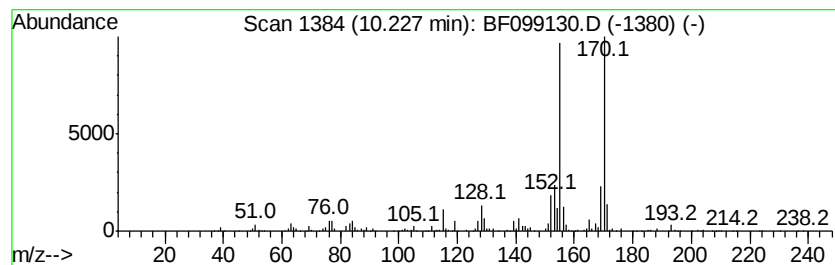
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 2,3,6-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.23	36.48 ng	2130760	Acenaphthene-d10	9.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	94
5		1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100517\
Data File : BF099130.D
Acq On : 6 Oct 2017 5:52
Operator : SJ/JU
Sample : I5404-02 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-72(13.5-14)

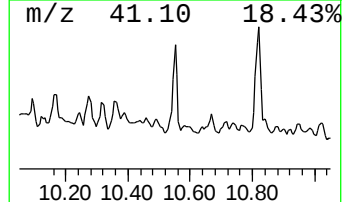
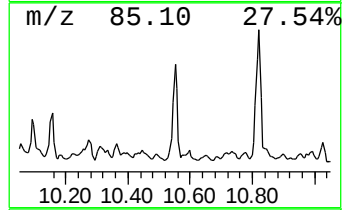
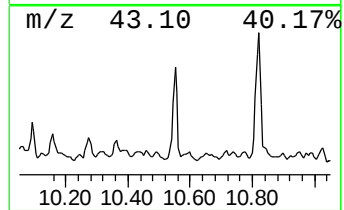
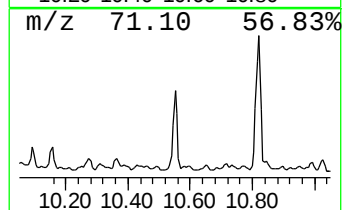
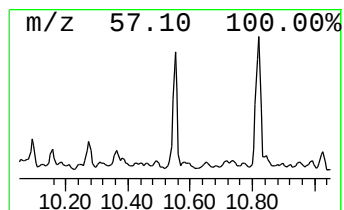
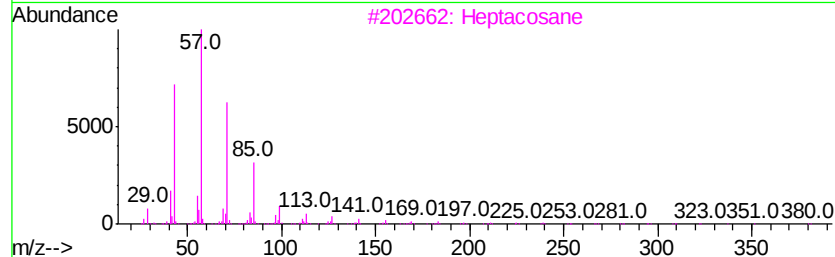
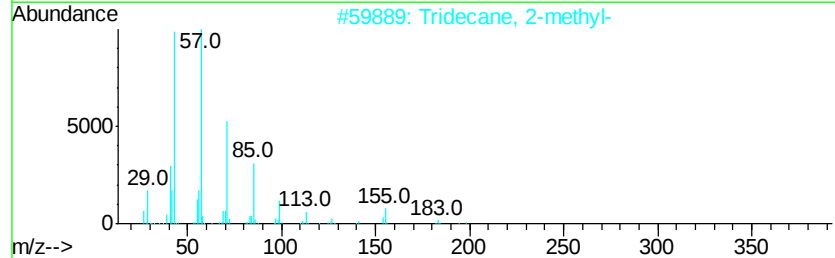
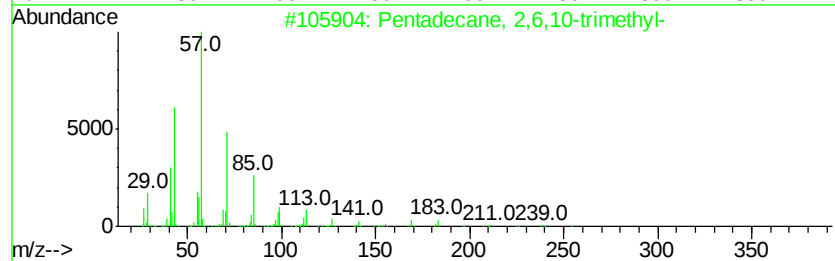
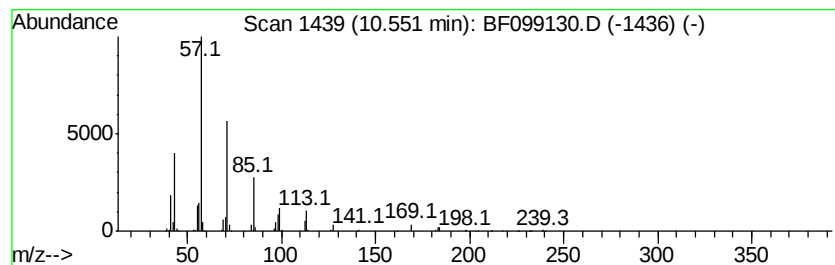
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Pentadecane, 2,6,10-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	45.69 ng	2669100	Acenaphthene-d10	9.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2		Tridecane, 2-methyl-	198	C14H30	001560-96-9	87
3		Heptacosane	380	C27H56	000593-49-7	78
4		Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	72
5		triacontane	422	C30H62	000638-68-6	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100517\
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Sample : I5404-02 5X
Misc :
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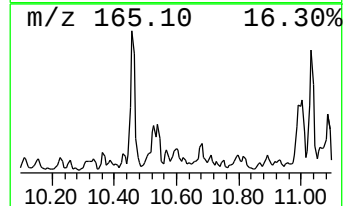
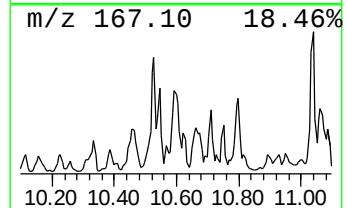
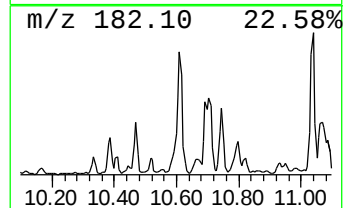
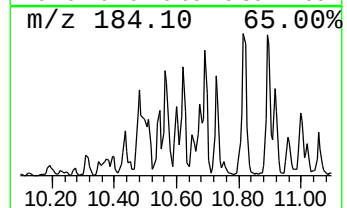
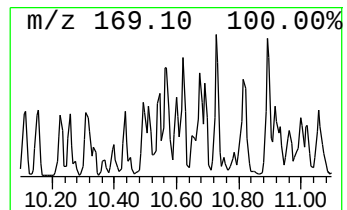
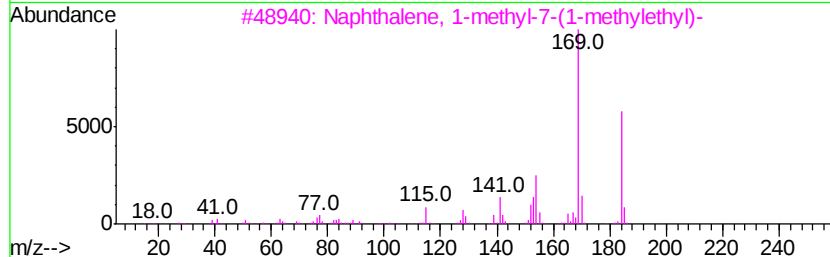
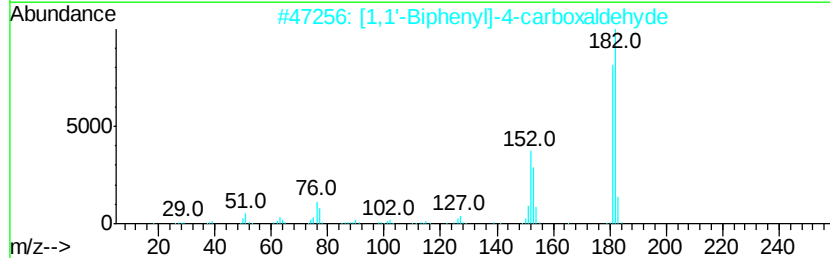
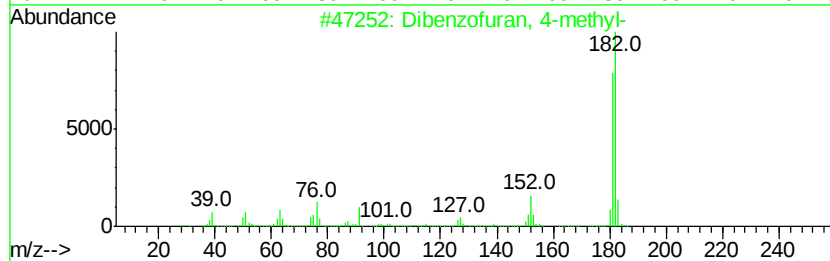
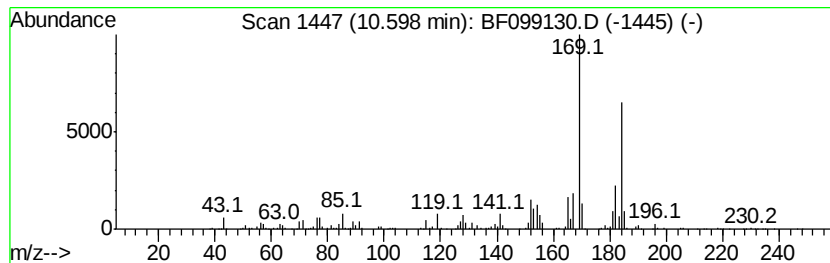
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown10.60 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	24.93 ng	1456380	Acenaphthene-d10	9.91
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Dibenzofuran, 4-methyl-	182 C13H10O	007320-53-8 42
2		[1,1'-Biphenyl]-4-carboxaldehyde	182 C13H10O	003218-36-8 42
3		Naphthalene, 1-methyl-7-(1-methyl...	184 C14H16	000490-65-3 38
4		2-Hydroxyfluorene	182 C13H10O	002443-58-5 38
5		2-(4-Chlorophenyl)-1,3,2-dioxabo...	182 C8H8BClO2	069519-09-1 30



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100517\
Data File : BF099130.D
Acq On : 6 Oct 2017 5:52
Operator : SJ/JU
Sample : I5404-02 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

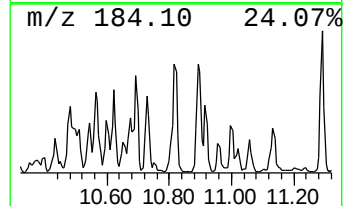
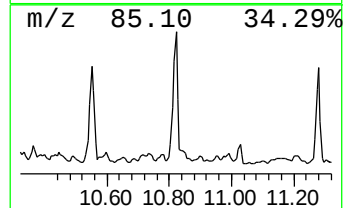
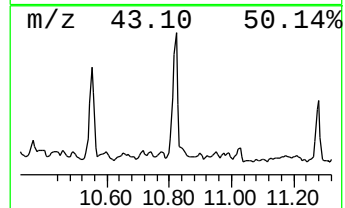
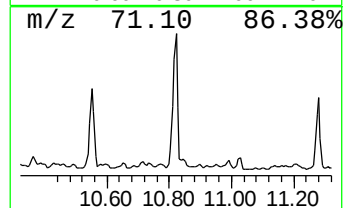
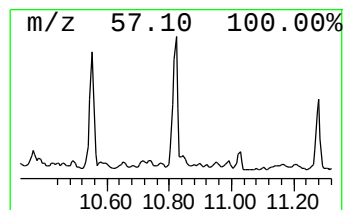
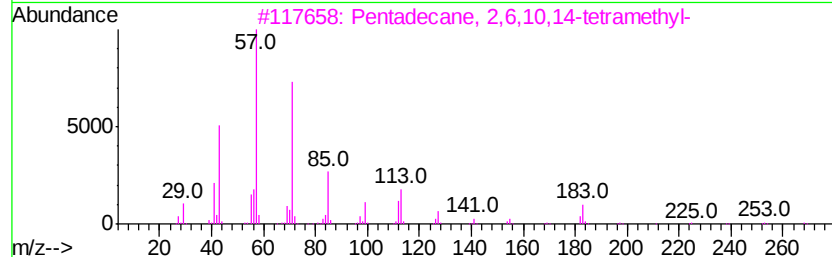
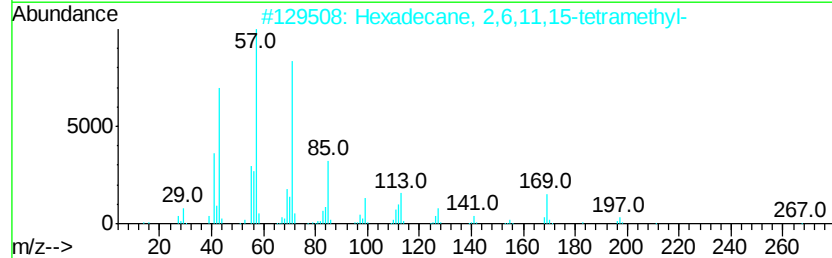
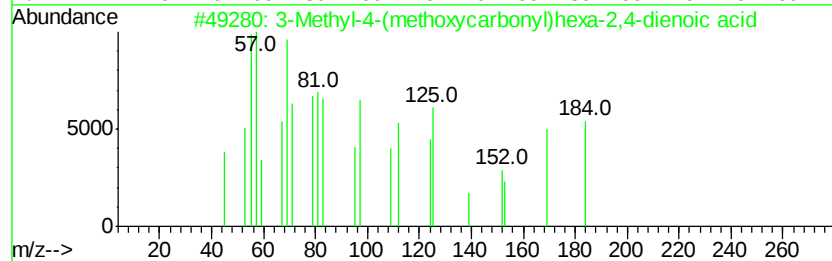
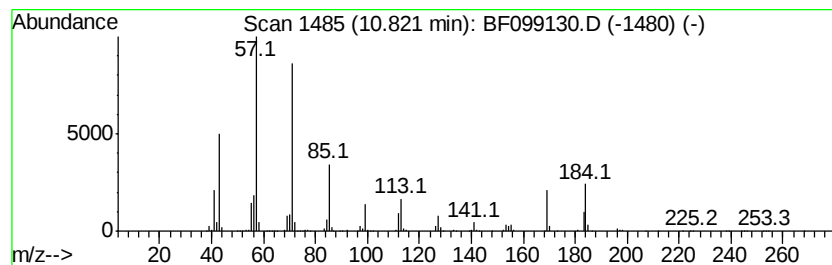
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 3-Methyl-4-(methoxycarbonyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.82	81.03 ng	3109480	Phenanthrene-d10	11.39		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	93	
2	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	72	
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	64	
4	Tridecane, 5-propyl-	226	C16H34	055045-11-9	59	
5	Decane, 2-methyl-	156	C11H24	006975-98-0	58	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100517\
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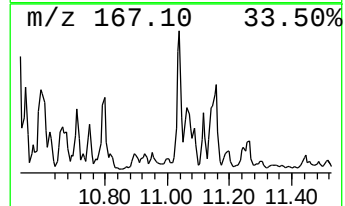
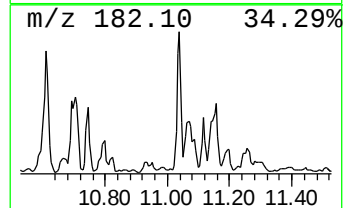
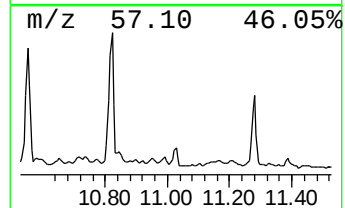
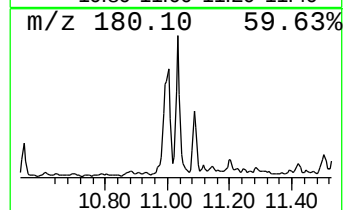
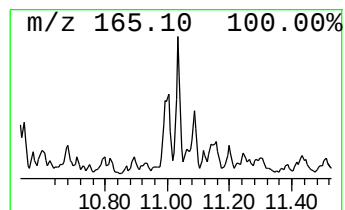
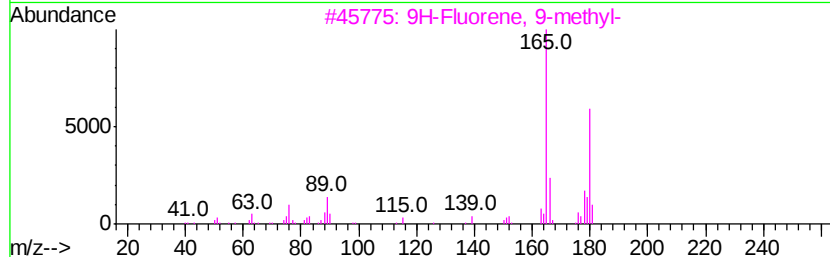
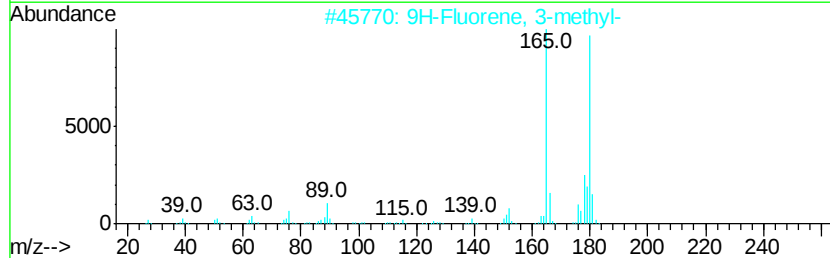
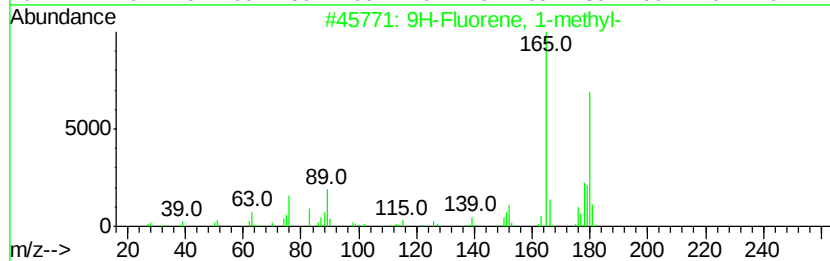
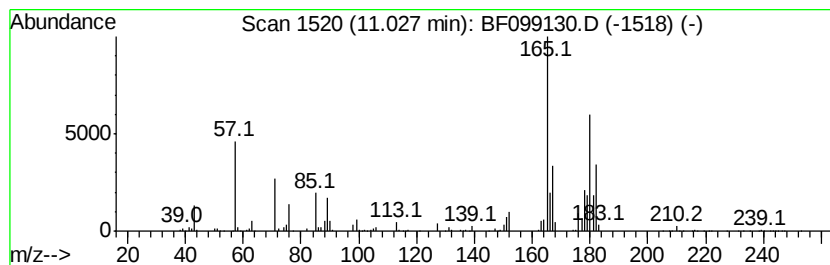
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 9H-Fluorene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	22.67 ng	870011	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	70
2		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	50
3		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	50
4		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	50
5		(3H)Benzo[c]pyrrole, 3-methyl-3-...	208	C14H12N2	059341-20-7	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100517\
Data File : BF099130.D
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Misc :
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Instrument :
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B-72(13.5-14)

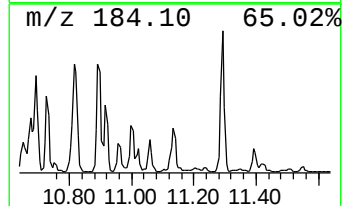
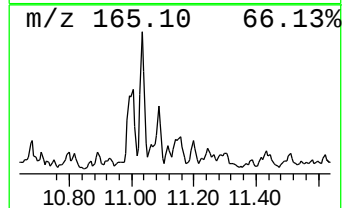
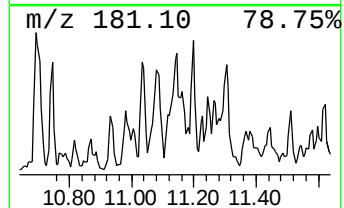
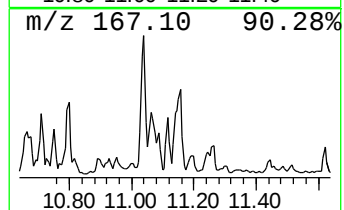
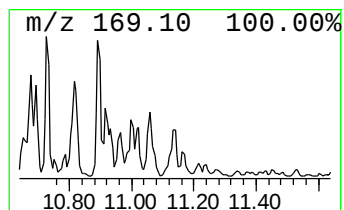
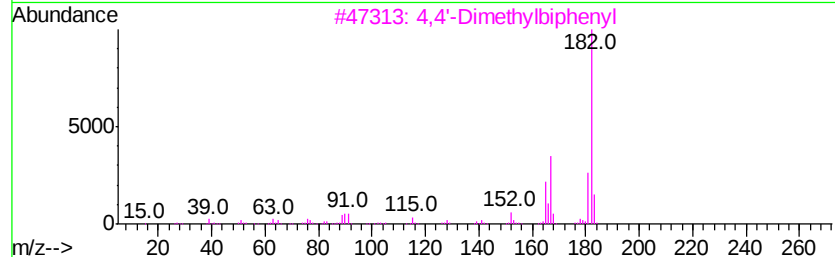
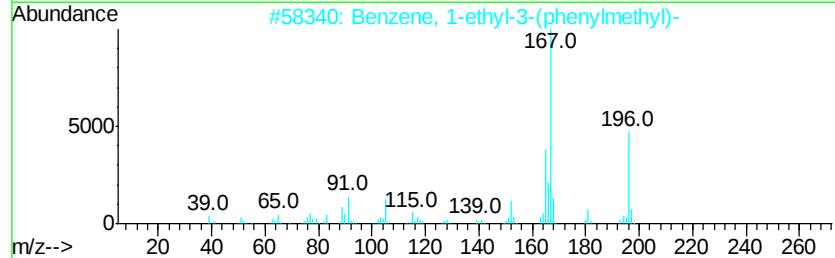
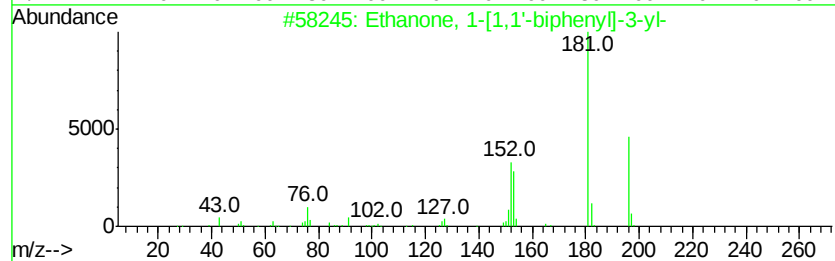
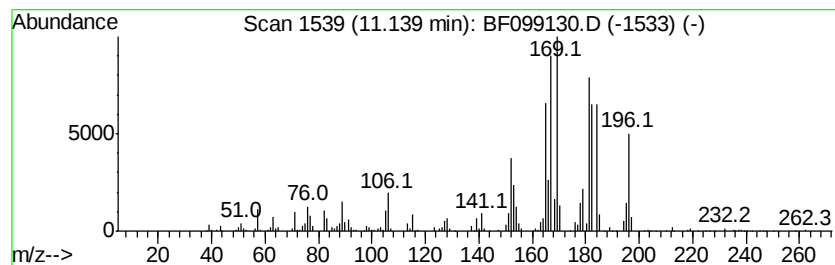
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Ethanone, 1-[1,1'-biphenyl]... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	28.67 ng	1100270	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanone, 1-[1,1'-biphenyl]-3-yl-	196	C14H12O	003112-01-4	60
2		Benzene, 1-ethyl-3-(phenylmethyl)-	196	C15H16	028122-24-9	51
3		4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	46
4		Benzene, 3,5-dimethyl-1-(phenylmethyl)-	196	C15H16	028122-27-2	42
5		1,1'-Biphenyl, 3-(1-methylethyl)-	196	C15H16	020282-30-8	42



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100517\
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ClientSampleId :
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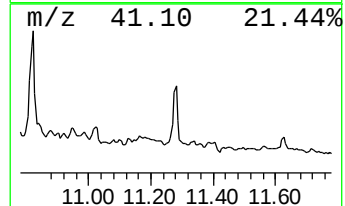
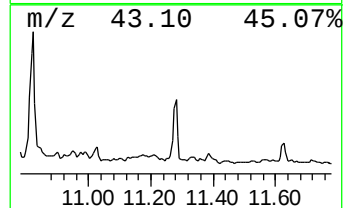
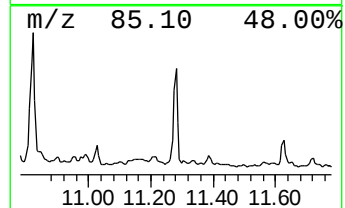
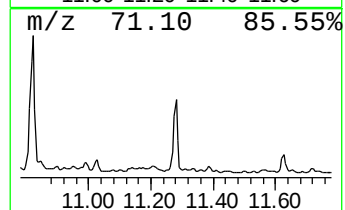
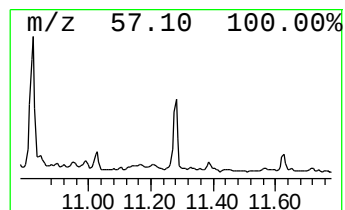
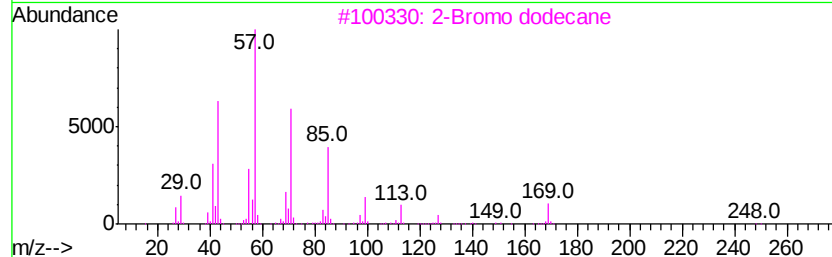
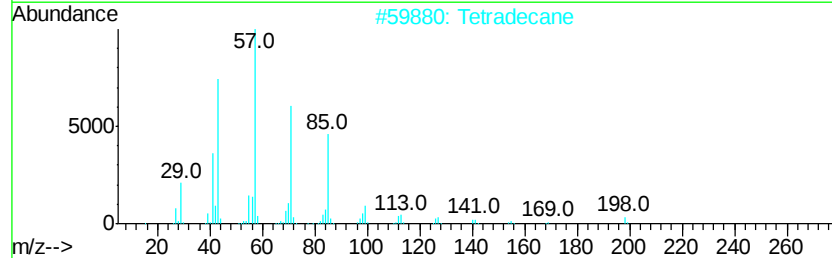
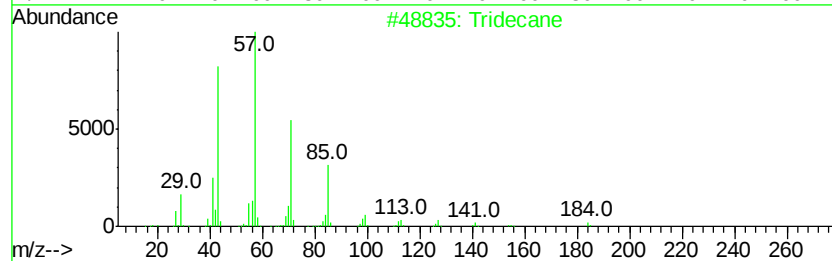
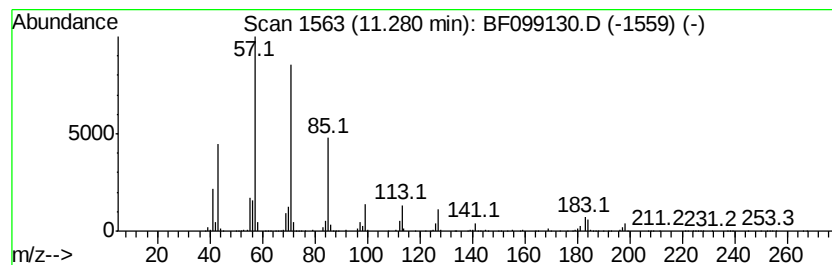
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tridecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	60.20 ng	2310260	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	91
2		Tetradecane	198	C14H30	000629-59-4	87
3		2-Bromo dodecane	248	C12H25Br	013187-99-0	80
4		Octadecane	254	C18H38	000593-45-3	78
5		Tridecane, 5-propyl-	226	C16H34	055045-11-9	76



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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampled :
B-72(13.5-14)

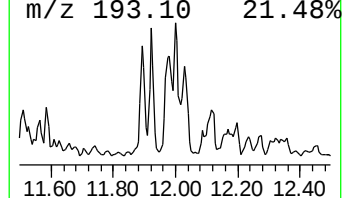
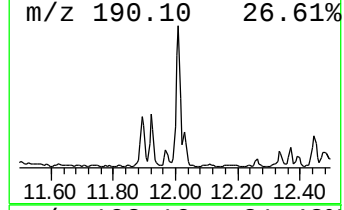
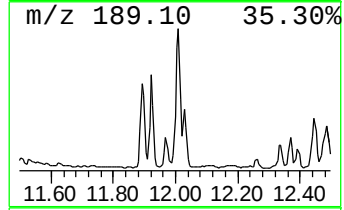
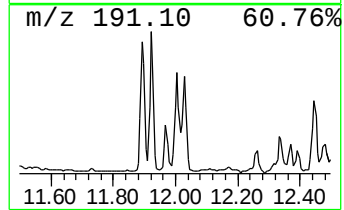
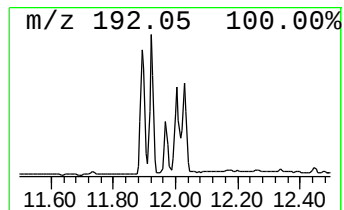
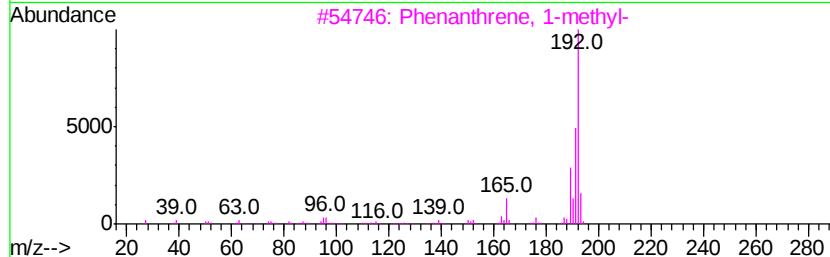
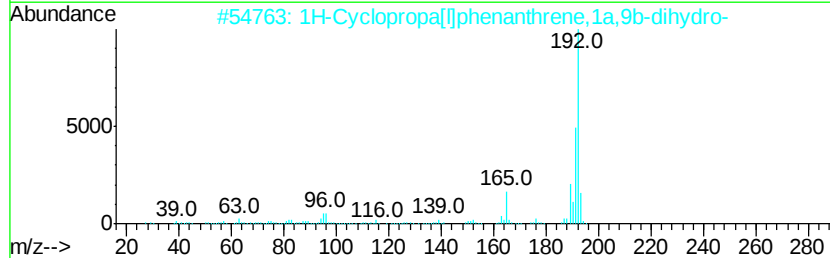
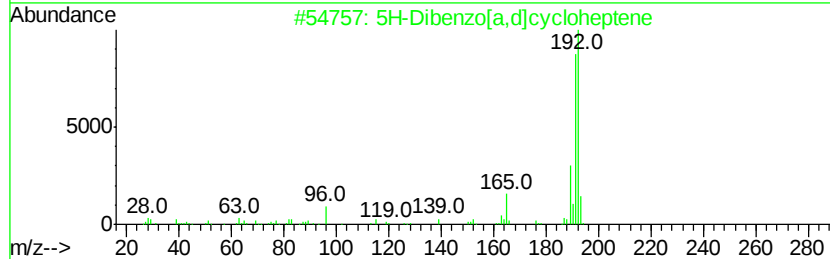
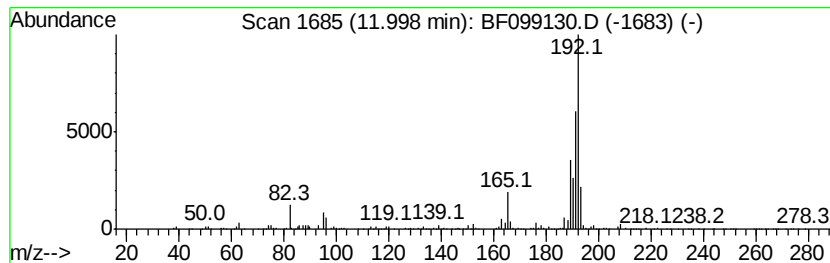
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 5H-Dibenzo[a,d]cycloheptene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	28.25 ng	1084120	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	55
2		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	49
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	49
4		Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	47
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100517\
 Data File : BF099130.D
 Acq On : 6 Oct 2017 5:52
 Operator : SJ/JU
 Sample : I5404-02 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-72(13.5-14)

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

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

TIC Top Hit name	RT	EstConc	Units	Response	---Internal Standard---			
					#	RT	Resp	Conc
Heptylcyclohexane	8.44	29.5	ng	2690820	2	8.15	1824470	20.0
Dodecane, 2,7,10-...	9.17	37.4	ng	2186920	3	9.91	1168280	20.0
Naphthalene, 2,7-...	9.49	23.1	ng	1346730	3	9.91	1168280	20.0
Naphthalene, 2,3-...	9.57	50.9	ng	2972560	3	9.91	1168280	20.0
unknown9.62	9.62	56.6	ng	3308780	3	9.91	1168280	20.0
Naphthalene, 1,3-...	9.77	28.4	ng	1659070	3	9.91	1168280	20.0
Decahydro-4,4,8,9...	9.82	31.7	ng	1849290	3	9.91	1168280	20.0
Naphthalene, 1,6,...	10.02	35.0	ng	2042400	3	9.91	1168280	20.0
Naphthalene, 1,4,...	10.11	39.7	ng	2317270	3	9.91	1168280	20.0
Naphthalene, 2,3,...	10.23	36.5	ng	2130760	3	9.91	1168280	20.0
Pentadecane, 2,6,...	10.55	45.7	ng	2669100	3	9.91	1168280	20.0
unknown10.60	10.60	24.9	ng	1456380	3	9.91	1168280	20.0
3-Methyl-4-(metho...	10.82	81.0	ng	3109480	4	11.39	767486	20.0
9H-Fluorene, 1-me...	11.03	22.7	ng	870011	4	11.39	767486	20.0
Ethanone, 1-[1,1'...	11.14	28.7	ng	1100270	4	11.39	767486	20.0
Tridecane	11.28	60.2	ng	2310260	4	11.39	767486	20.0
5H-Dibenzo[a,d]cy...	12.00	28.3	ng	1084120	4	11.39	767486	20.0