

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\
 Data File : BF101105.D
 Acq On : 4 Dec 2017 18:29
 Operator : SJ/JU
 Sample : I6697-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-03A

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-BF113017.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	5.081	503	509	518	rBV2	52950	82776	4.62%	0.190%
2	5.475	572	576	579	rBV	1140723	1037873	57.97%	2.385%
3	6.092	676	681	688	rBV2	84073	137822	7.70%	0.317%
4	6.381	726	730	736	rBV4	86639	128084	7.15%	0.294%
5	6.487	743	748	751	rBV	1086706	1068740	59.70%	2.456%
6	6.587	760	765	767	rBV3	55821	89282	4.99%	0.205%
7	6.622	767	771	774	rVV	1304464	1153513	64.43%	2.650%
8	6.851	807	810	813	rVB2	583441	510985	28.54%	1.174%
9	7.004	831	836	839	rBV	864057	888057	49.60%	2.040%
10	7.116	852	855	858	rVB2	233735	221509	12.37%	0.509%
11	7.163	858	863	866	rBV2	156680	158286	8.84%	0.364%
12	7.239	870	876	878	rBV3	96277	117549	6.57%	0.270%
13	7.310	886	888	890	rBV	89349	84701	4.73%	0.195%
14	7.381	894	900	902	rBV2	314884	356054	19.89%	0.818%
15	7.416	902	906	910	rVB	809638	729648	40.76%	1.677%
16	7.492	914	919	922	rBV5	227000	324224	18.11%	0.745%
17	7.551	922	929	933	rBV5	152715	322468	18.01%	0.741%
18	7.622	938	941	943	rBV3	242172	239309	13.37%	0.550%
19	7.645	943	945	948	rVB2	207529	199942	11.17%	0.459%
20	7.728	955	959	961	rBV2	131296	170865	9.54%	0.393%
21	7.781	964	968	970	rBV2	128554	173849	9.71%	0.399%
22	7.798	970	971	975	rVB3	144826	147707	8.25%	0.339%
23	7.869	980	983	985	rBV	306786	248605	13.89%	0.571%
24	7.892	985	987	992	rVB2	199564	222867	12.45%	0.512%
25	7.945	992	996	1002	rBV3	170492	274162	15.31%	0.630%
26	7.998	1002	1005	1008	rBV2	251403	249943	13.96%	0.574%
27	8.033	1008	1011	1013	rBV2	73982	76424	4.27%	0.176%
28	8.092	1014	1021	1022	rBV6	156669	293371	16.39%	0.674%
29	8.133	1022	1028	1030	rVV2	520276	852772	47.63%	1.959%
30	8.186	1033	1037	1040	rVB2	877619	972339	54.31%	2.234%
31	8.216	1040	1042	1045	rBV2	326560	296472	16.56%	0.681%
32	8.286	1050	1054	1055	rBV3	163463	196251	10.96%	0.451%
33	8.333	1059	1062	1064	rVB2	310890	299160	16.71%	0.687%
34	8.381	1068	1070	1073	rBV4	74482	94065	5.25%	0.216%

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35	8.422	1073	1077	1081	rVB5	367452	531005	29.66%	1.220%
36	8.457	1081	1083	1085	rBV2	97925	87061	4.86%	0.200%
37	8.481	1085	1087	1090	rVB4	136314	107536	6.01%	0.247%
38	8.516	1090	1093	1095	rBV2	422415	381943	21.33%	0.878%
39	8.551	1095	1099	1101	rBV	1064405	853785	47.69%	1.962%
40	8.569	1101	1102	1104	rVB2	144594	101750	5.68%	0.234%
41	8.598	1104	1107	1110	rVB3	253983	269481	15.05%	0.619%
42	8.639	1111	1114	1116	rBV2	457319	371317	20.74%	0.853%
43	8.675	1116	1120	1122	rBV4	281925	318249	17.78%	0.731%
44	8.698	1122	1124	1126	rVB2	102420	74488	4.16%	0.171%
45	8.722	1126	1128	1131	rBV2	250306	323454	18.07%	0.743%
46	8.769	1132	1136	1137	rBV4	180725	242257	13.53%	0.557%
47	8.816	1142	1144	1148	rVB3	472901	494871	27.64%	1.137%
48	8.845	1148	1149	1152	rVB2	112997	74944	4.19%	0.172%
49	8.880	1152	1155	1157	rBV4	267332	204148	11.40%	0.469%
50	8.916	1157	1161	1162	rBV3	160188	215902	12.06%	0.496%
51	8.951	1162	1167	1170	rVV2	975202	1105619	61.76%	2.540%
52	9.010	1174	1177	1179	rBV4	155829	174780	9.76%	0.402%
53	9.039	1179	1182	1185	rVB3	348467	308701	17.24%	0.709%
54	9.080	1185	1189	1191	rBV3	216645	252023	14.08%	0.579%
55	9.128	1195	1197	1198	rVV	225397	169684	9.48%	0.390%
56	9.151	1198	1201	1204	rVV	1270816	1255952	70.15%	2.886%
57	9.210	1207	1211	1215	rVB	1104153	1030930	57.58%	2.369%
58	9.292	1221	1225	1229	rBV3	534253	648182	36.21%	1.489%
59	9.328	1229	1231	1233	rBV2	220696	209295	11.69%	0.481%
60	9.363	1235	1237	1239	rVB2	360600	295268	16.49%	0.678%
61	9.386	1239	1241	1242	rBV2	124848	84930	4.74%	0.195%
62	9.410	1242	1245	1251	rVB	337508	400052	22.35%	0.919%
63	9.480	1253	1257	1261	rBV	921233	1371345	76.60%	3.151%
64	9.557	1266	1270	1272	rVV	1051316	1370512	76.55%	3.149%
65	9.580	1272	1274	1276	rVV	833289	886421	49.51%	2.037%
66	9.610	1276	1279	1282	rVV3	1643278	1645199	91.89%	3.780%
67	9.639	1282	1284	1286	rVV3	224870	212508	11.87%	0.488%
68	9.669	1286	1289	1291	rVV2	513953	539942	30.16%	1.241%
69	9.686	1291	1292	1294	rVV2	299626	248073	13.86%	0.570%
70	9.710	1294	1296	1298	rVB	332964	248022	13.85%	0.570%
71	9.733	1298	1300	1301	rBV2	94750	75830	4.24%	0.174%

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72	9.757	1301	1304	1307	rBV2	572356	526329	29.40%	1.209%
73	9.798	1309	1311	1314	rVB2	320278	325662	18.19%	0.748%
74	9.875	1322	1324	1325	rBV	204921	157772	8.81%	0.363%
75	9.927	1331	1333	1336	rBV3	174048	134145	7.49%	0.308%
76	9.998	1341	1345	1349	rBV2	545688	738869	41.27%	1.698%
77	10.039	1349	1352	1356	rBV3	247713	299420	16.72%	0.688%
78	10.098	1356	1362	1365	rVB3	636919	868328	48.50%	1.995%
79	10.139	1366	1369	1372	rVB	832400	670010	37.42%	1.539%
80	10.210	1378	1381	1384	rBV	540323	582300	32.53%	1.338%
81	10.239	1384	1386	1388	rVV	490309	444451	24.83%	1.021%
82	10.304	1392	1397	1398	rBV2	463322	563711	31.49%	1.295%
83	10.345	1402	1404	1406	rVB3	166029	143136	8.00%	0.329%
84	10.433	1414	1419	1422	rBV3	305268	571000	31.89%	1.312%
85	10.510	1430	1432	1433	rBV	164616	114652	6.40%	0.263%
86	10.539	1433	1437	1442	rVB2	1013372	1349925	75.40%	3.102%
87	10.586	1442	1445	1451	rVB4	239060	378565	21.15%	0.870%
88	10.686	1459	1462	1465	rBV3	581292	577782	32.27%	1.328%
89	10.722	1465	1468	1471	rVB2	199772	250138	13.97%	0.575%
90	10.804	1478	1482	1485	rBV	1852896	1790306	100.00%	4.114%
91	10.880	1493	1495	1497	rVB	180290	132154	7.38%	0.304%
92	11.263	1557	1560	1567	rVB2	816984	1021887	57.08%	2.348%
93	11.380	1577	1580	1583	rBV	402955	434495	24.27%	0.998%
94	11.404	1583	1584	1587	rVB	129203	89511	5.00%	0.206%
95	11.610	1617	1619	1622	rBV2	251215	233646	13.05%	0.537%
96	11.880	1663	1665	1668	rBV2	114148	116795	6.52%	0.268%
97	11.910	1668	1670	1674	rVB	138270	115205	6.43%	0.265%
98	12.963	1845	1849	1852	rVB	712579	654351	36.55%	1.504%
99	14.021	2024	2029	2032	rBV	362284	333936	18.65%	0.767%
100	15.498	2274	2280	2284	rBV	225022	298221	16.66%	0.685%

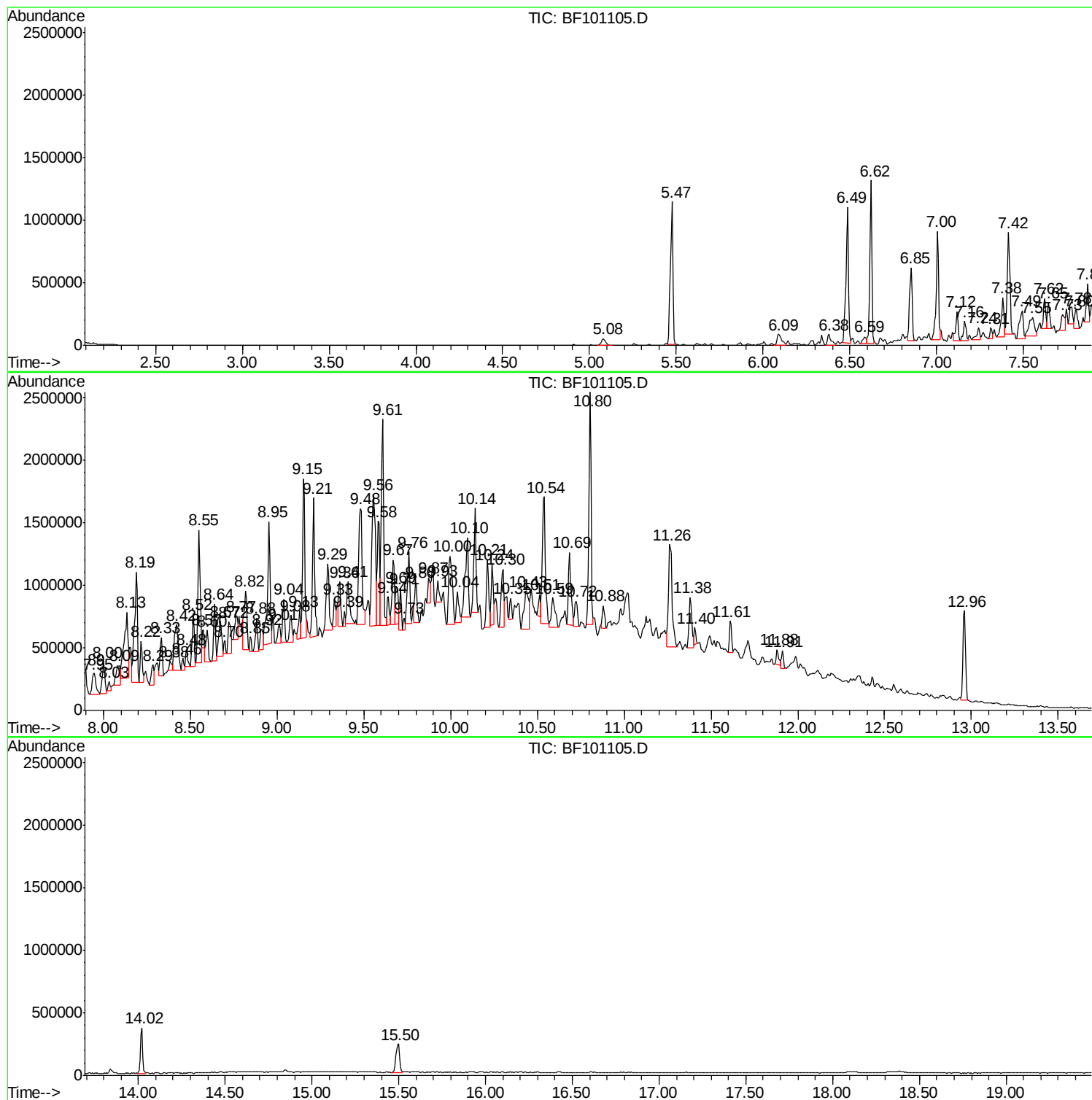
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Instrument :
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ClientSampled :
TP-03A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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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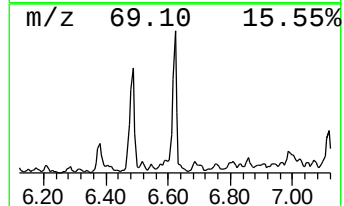
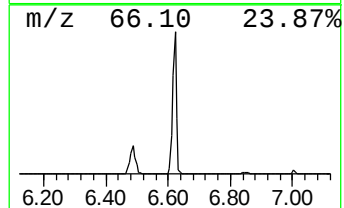
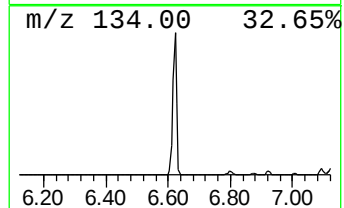
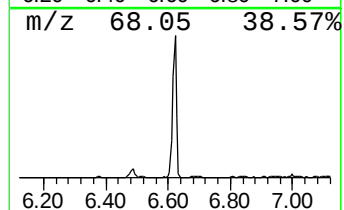
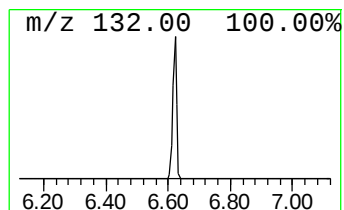
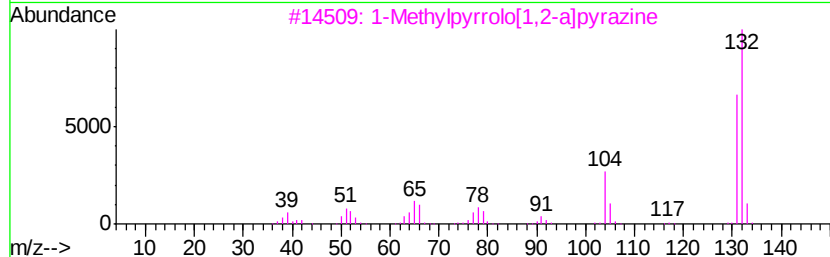
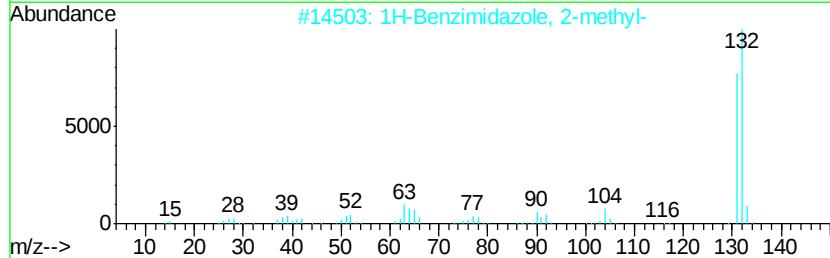
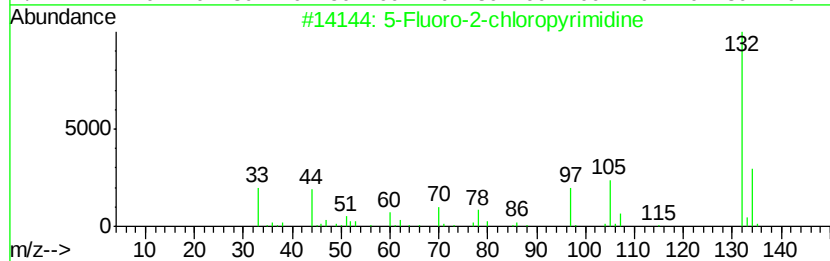
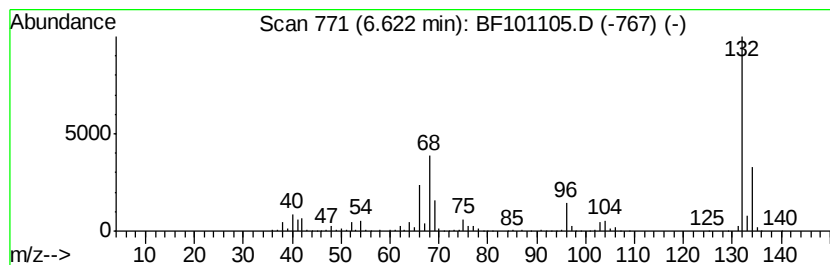
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.62 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	45.15 ng	1153510	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
2		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
3		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
4		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5		5-Aminoindole	132	C8H8N2	005192-03-0	9



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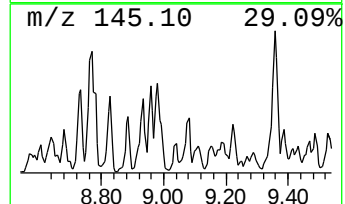
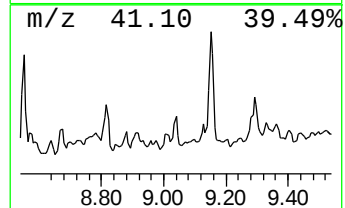
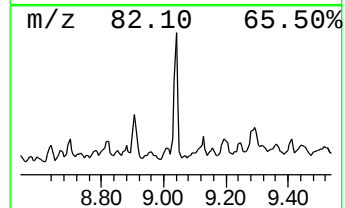
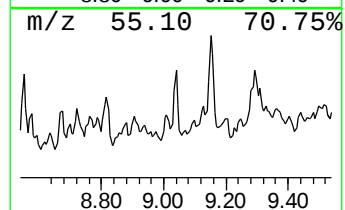
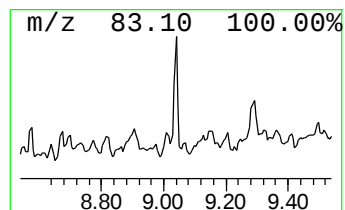
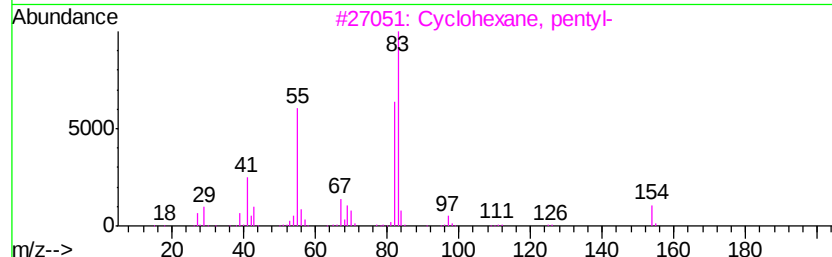
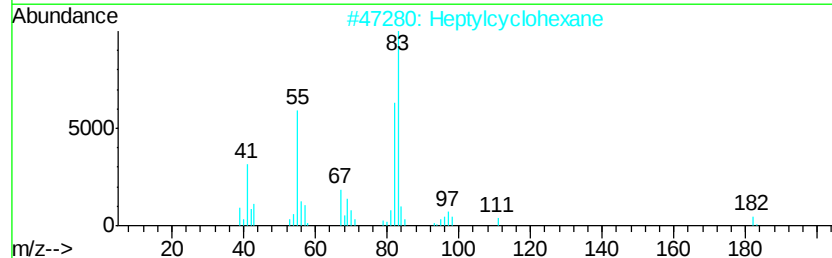
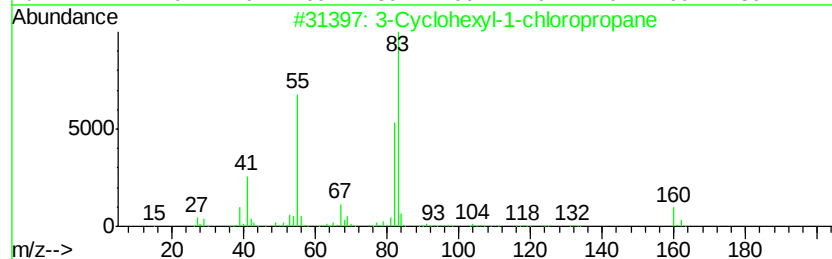
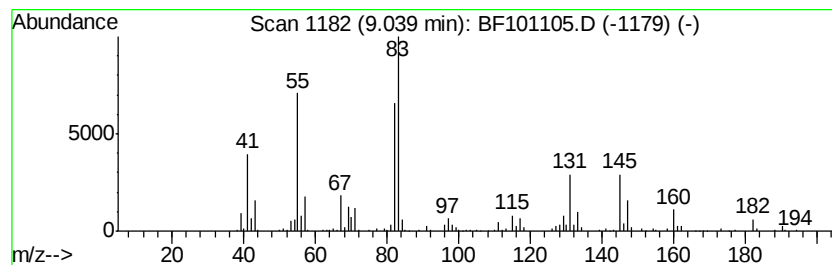
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown9.04 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.04	39.13 ng	308701	Acenaphthene-d10	9.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	49
2		Heptylcyclohexane	182	C13H26	005617-41-4	49
3		Cyclohexane, pentyl-	154	C11H22	004292-92-6	49
4		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	43
5		Cyclohexane, butyl-	140	C10H20	001678-93-9	43



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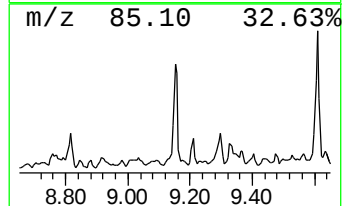
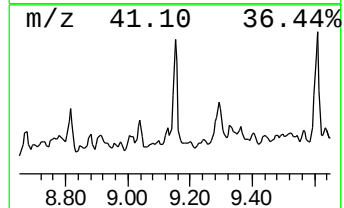
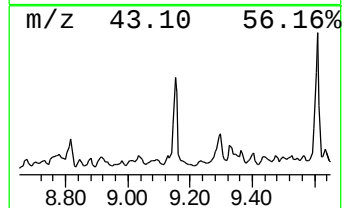
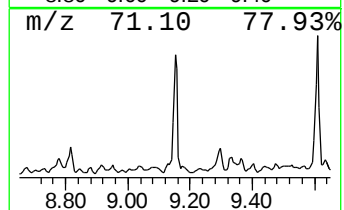
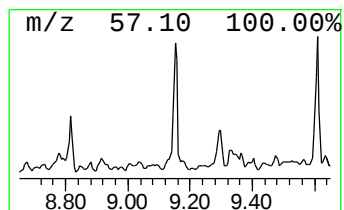
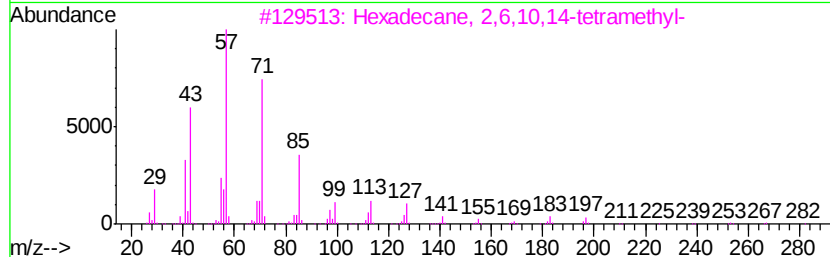
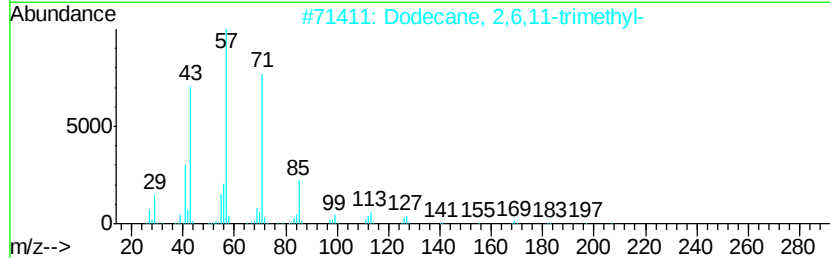
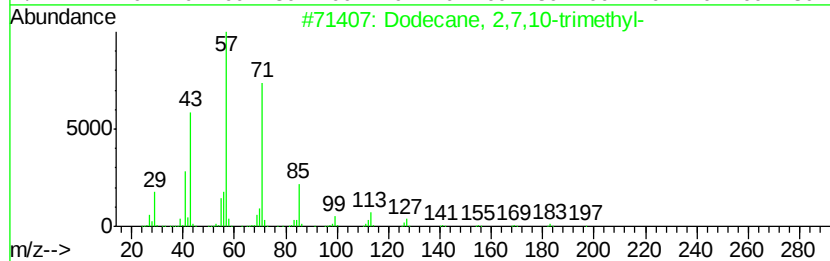
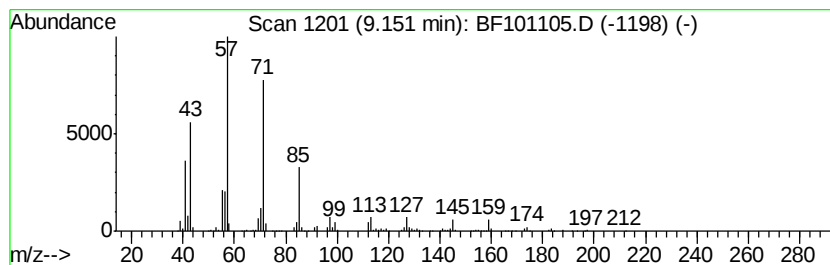
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Dodecane, 2,7,10-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.15	159.21 ng	1255950	Acenaphthene-d10	9.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
2		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
3		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	78
4		Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	72
5		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\
Data File : BF101105.D
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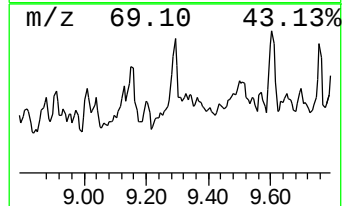
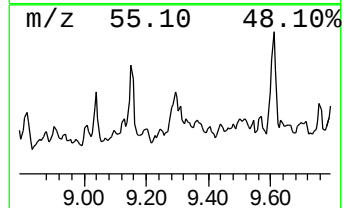
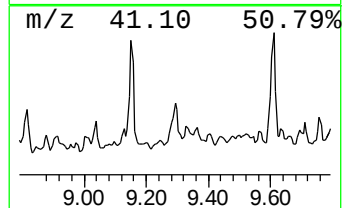
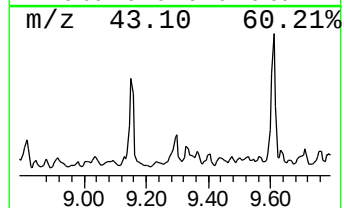
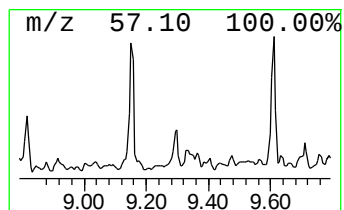
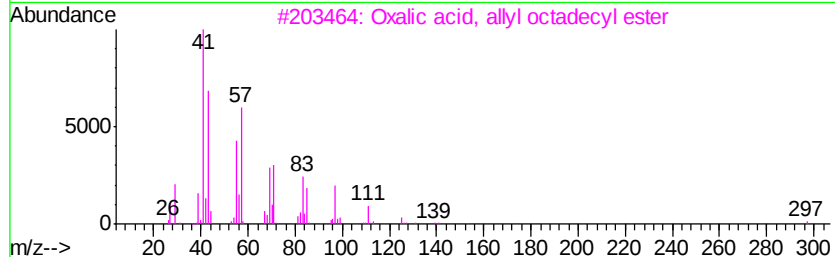
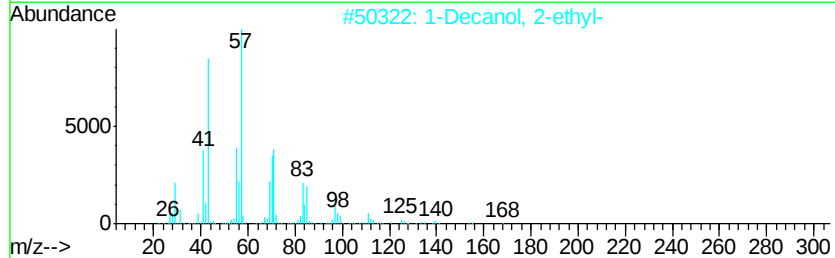
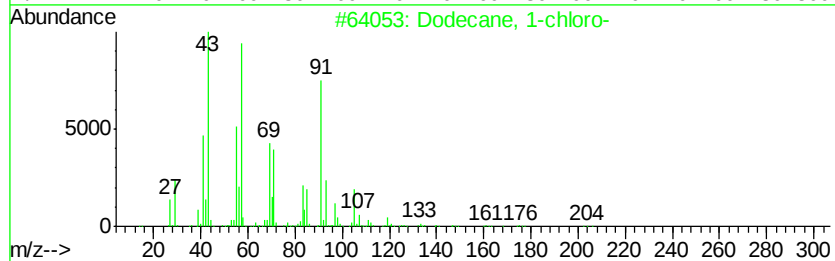
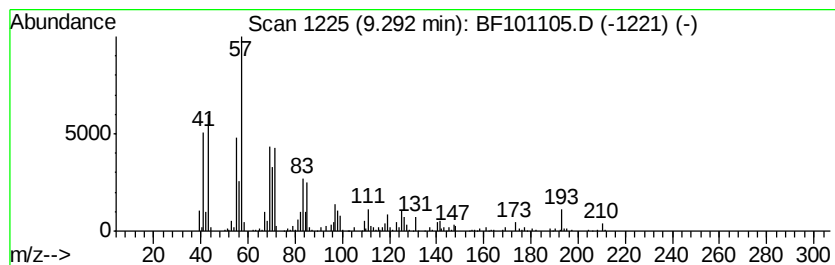
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Dodecane, 1-chloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	82.17 ng	648182	Acenaphthene-d10	9.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 1-chloro-	204	C12H25Cl	000112-52-7	76
2		1-Decanol, 2-ethyl-	186	C12H26O	021078-65-9	72
3		Oxalic acid, allyl octadecyl ester	382	C23H42O4	1000309-24-5	59
4		Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	58
5		Oxalic acid, allyl pentadecyl ester	340	C20H36O4	1000309-24-3	58



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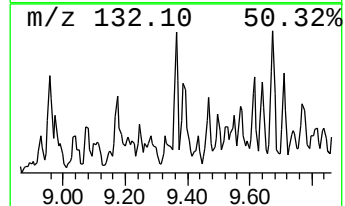
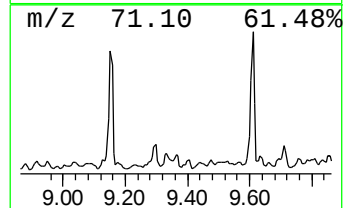
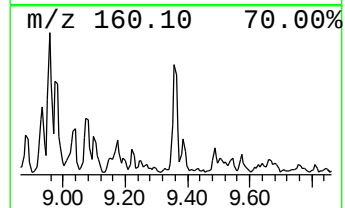
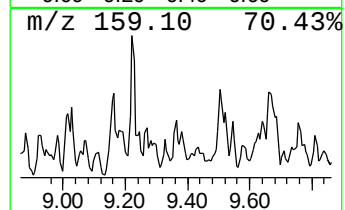
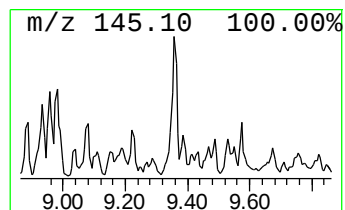
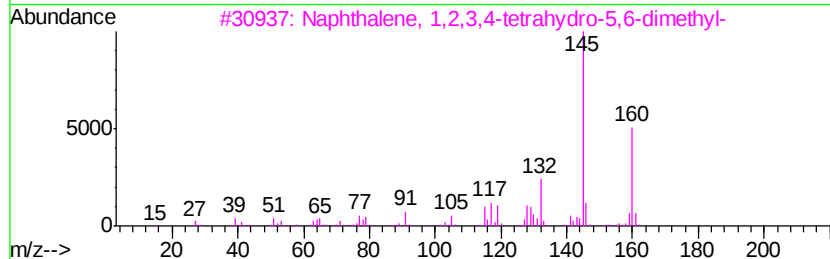
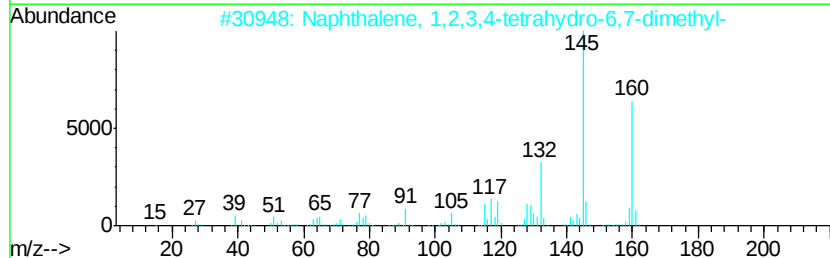
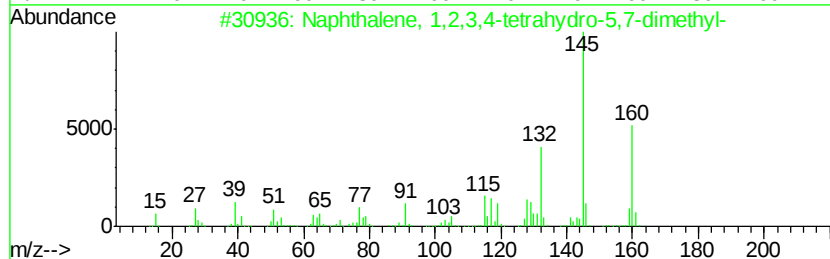
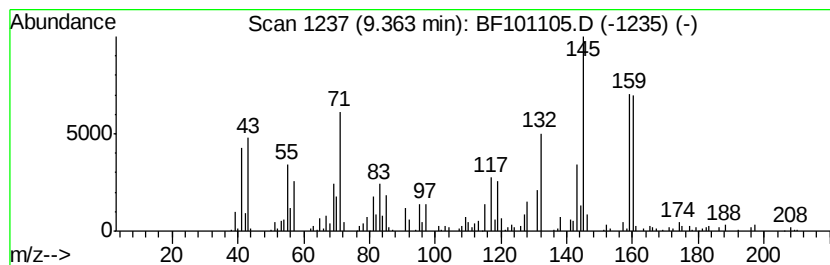
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Naphthalene, 1,2,3,4-tetra... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	37.43 ng	295268	Acenaphthene-d10	9.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	58
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	58
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	47
4		Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-17-7	38
5		FENAZAQUIN	306	C20H22N2O	120928-09-8	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120417\
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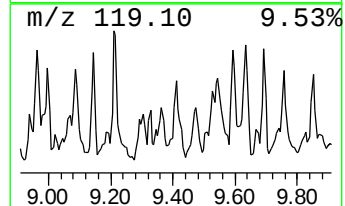
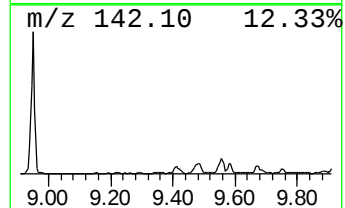
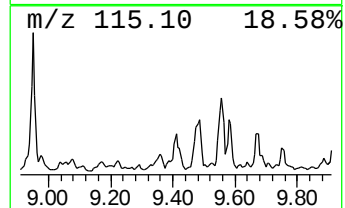
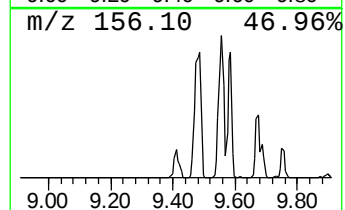
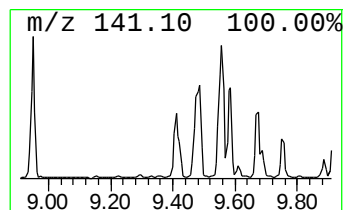
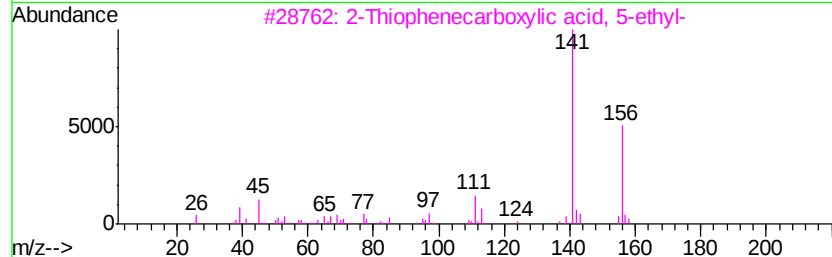
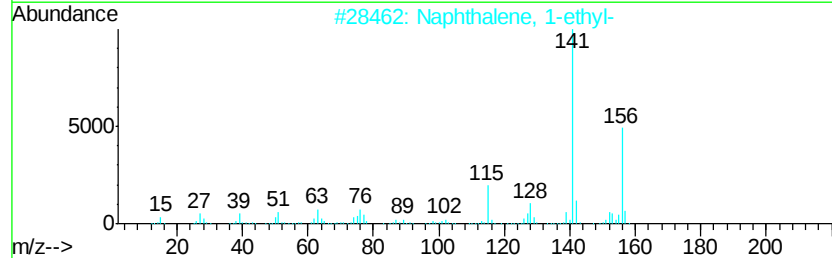
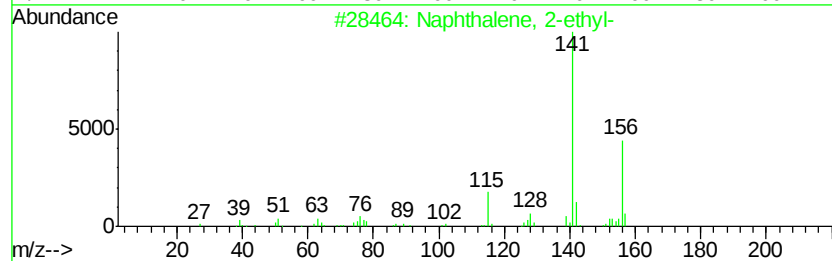
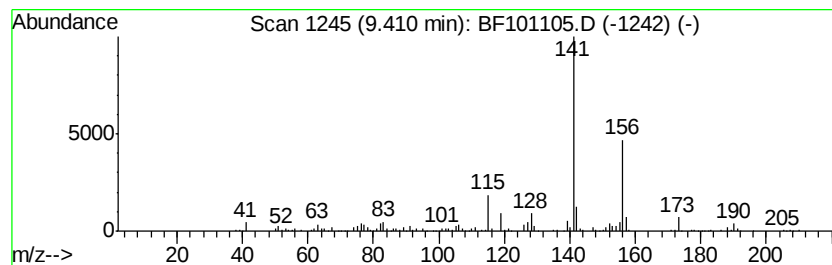
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 2-ethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.41	50.71 ng	400052	Acenaphthene-d10	9.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
2		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	90
3		2-Thiophenecarboxylic acid, 5-ethyl-	156	C7H8O2S	023229-72-3	72
4		Butethal	212	C10H16N2O3	000077-28-1	64
5		2,5-Dimethoxyfluorobenzene	156	C8H9FO2	082830-49-7	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\
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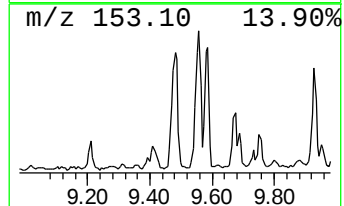
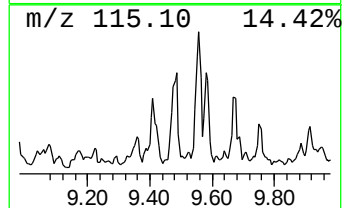
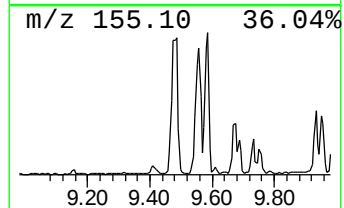
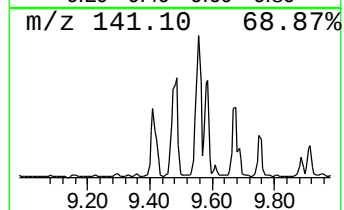
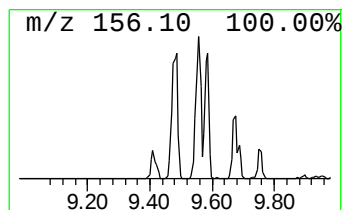
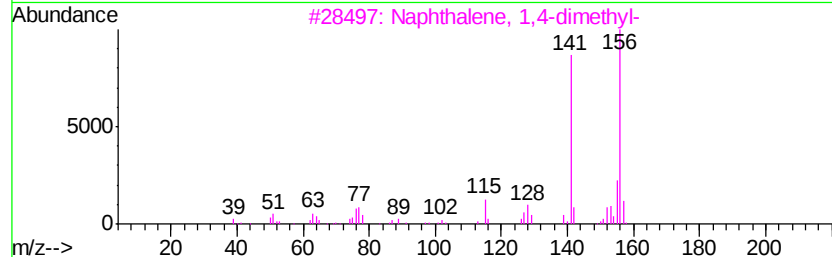
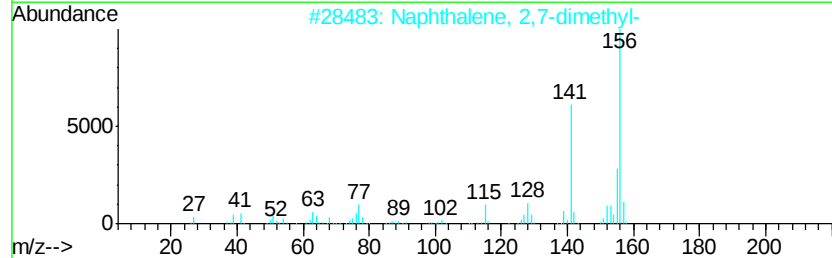
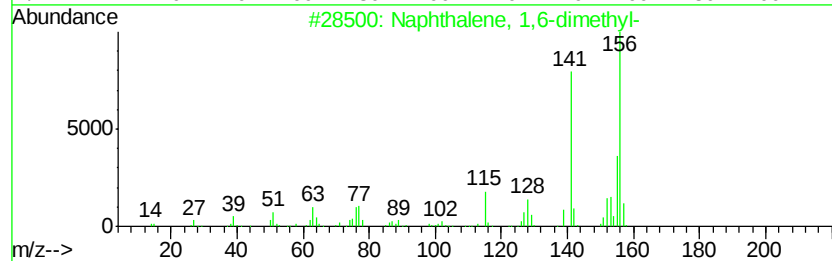
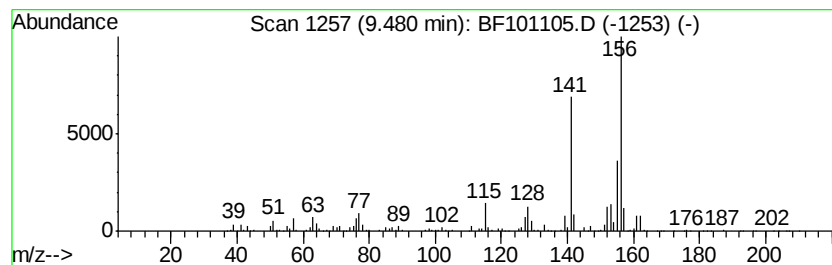
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.48	173.84 ng	1371350	Acenaphthene-d10	9.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\
Data File : BF101105.D
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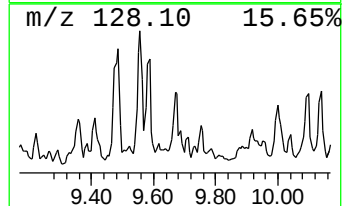
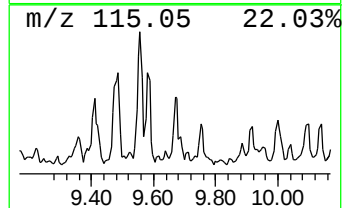
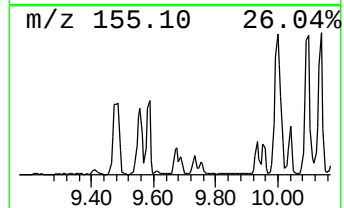
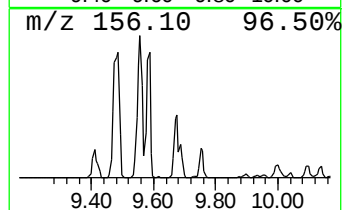
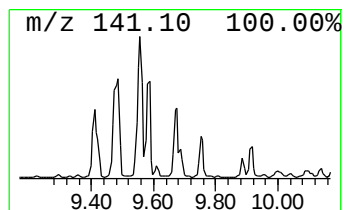
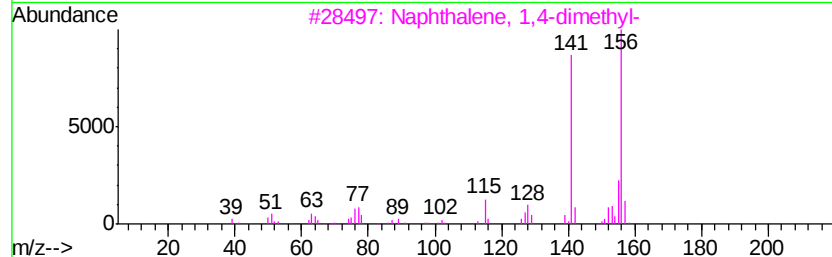
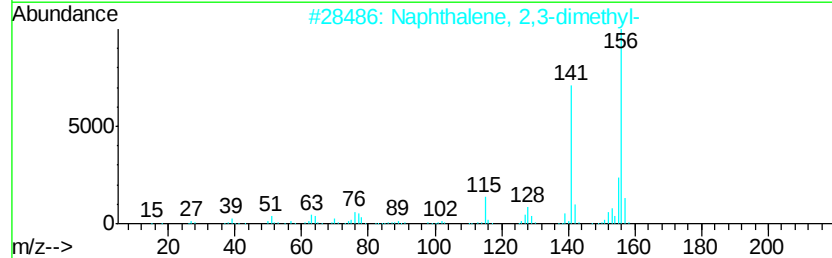
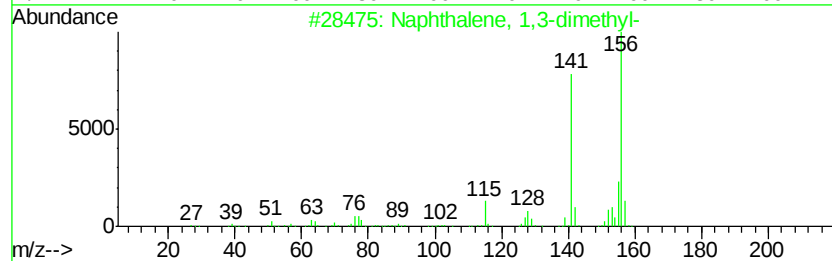
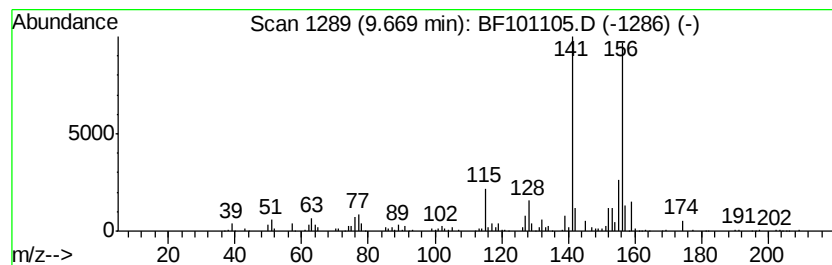
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	68.45 ng	539942	Acenaphthene-d10	9.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
4		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93
5		Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120417\
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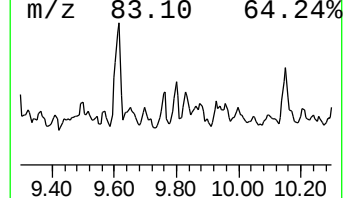
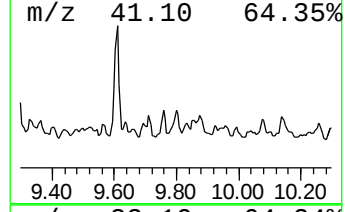
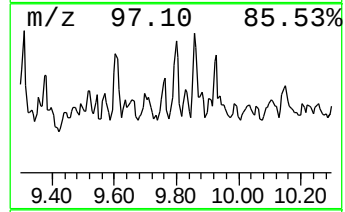
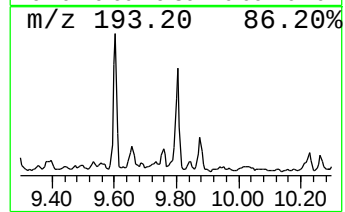
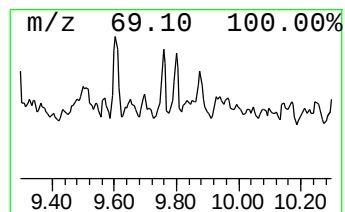
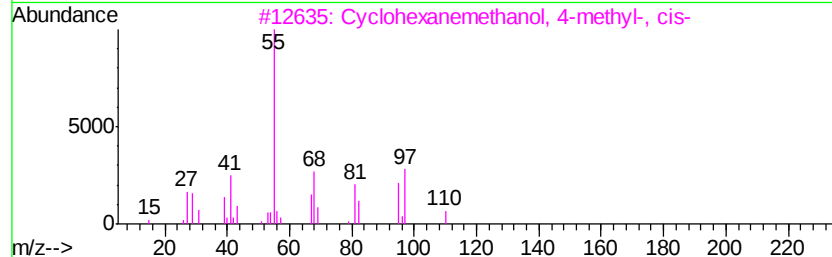
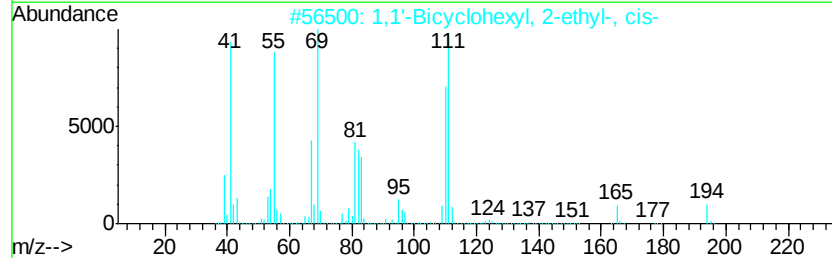
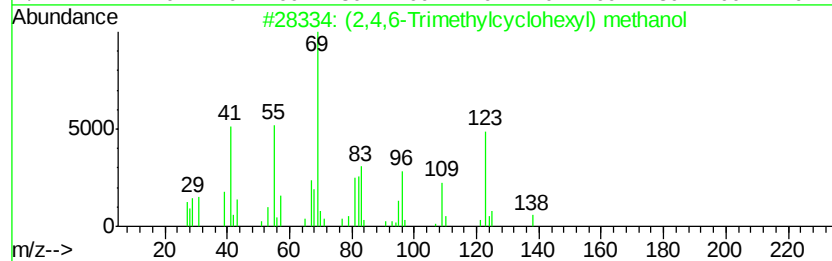
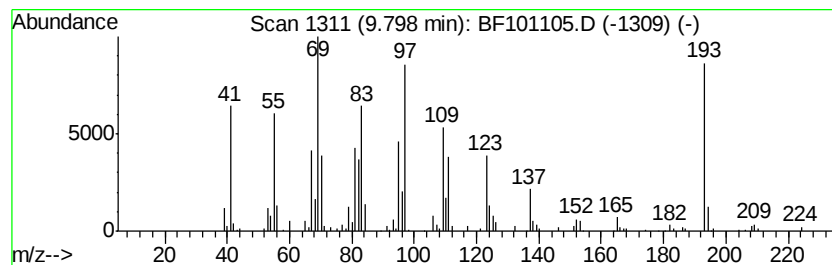
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown9.80 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.80	41.28 ng	325662	Acenaphthene-d10	9.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(2,4,6-Trimethylcyclohexyl) meth...	156	C10H20O	013702-56-2	22
2		1,1'-Bicyclohexyl, 2-ethyl-, cis-	194	C14H26	050991-12-3	15
3		Cyclohexanemethanol, 4-methyl-, ...	128	C8H16O	003937-48-2	14
4		1,6-Heptadiene, 2,5,5-trimethyl-	138	C10H18	062238-28-2	14
5		1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	14



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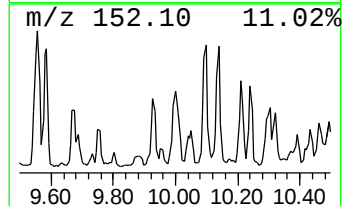
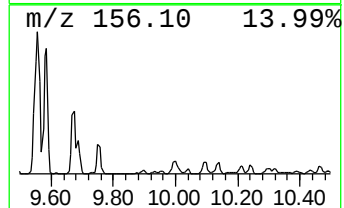
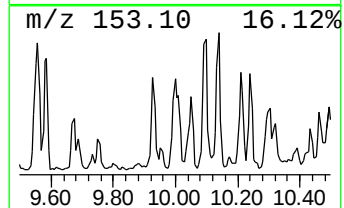
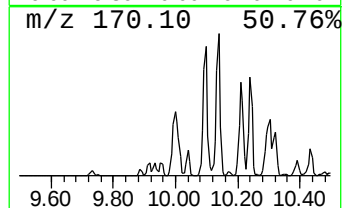
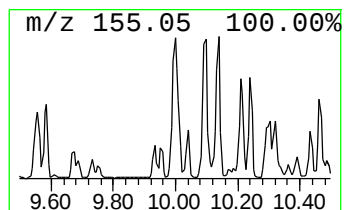
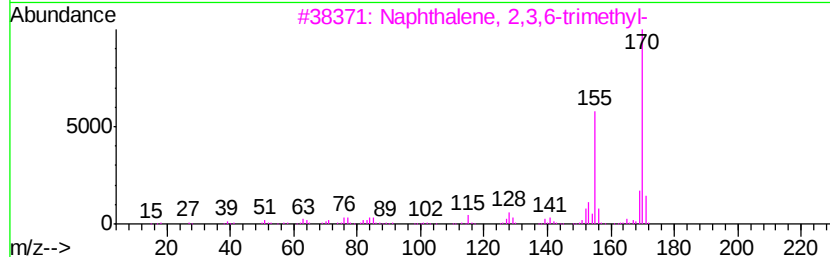
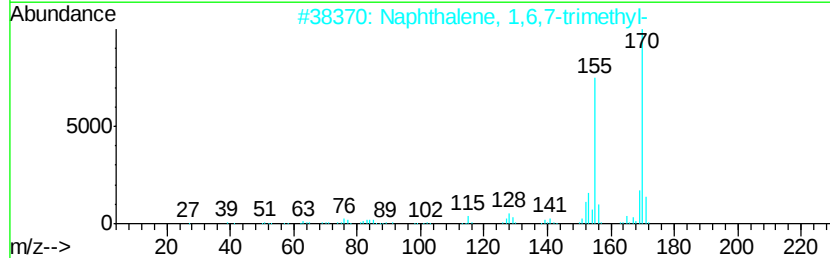
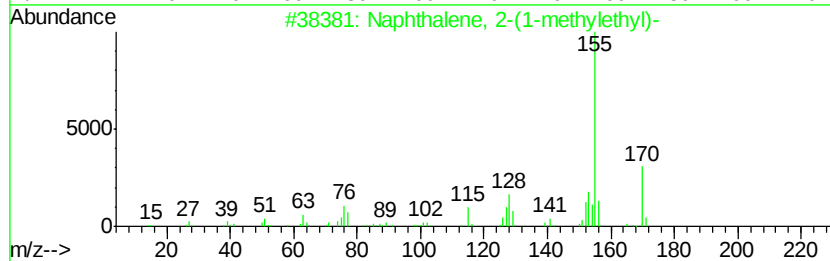
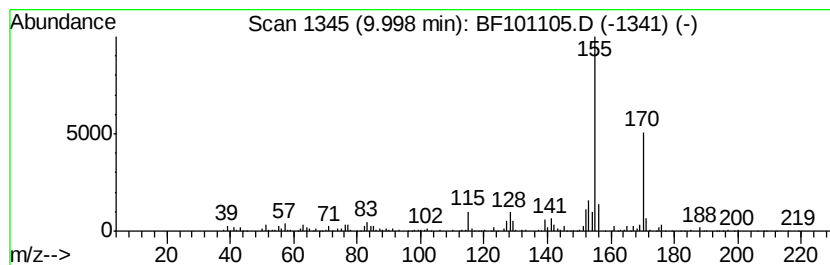
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 2-(1-methyleth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.00	93.66 ng	738869	Acenaphthene-d10	9.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	95
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91
4		2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	74
5		Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\
Data File : BF101105.D
Acq On : 4 Dec 2017 18:29
Operator : SJ/JU
Sample : I6697-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

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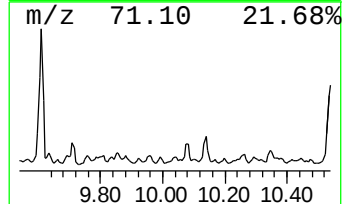
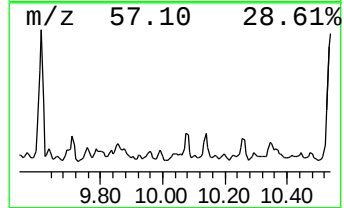
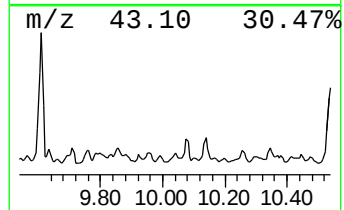
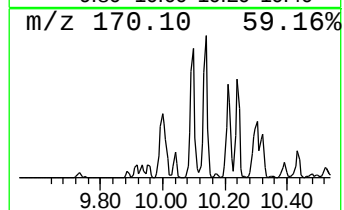
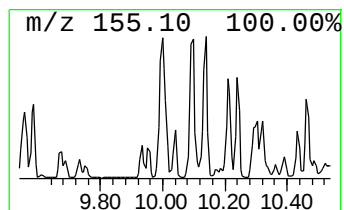
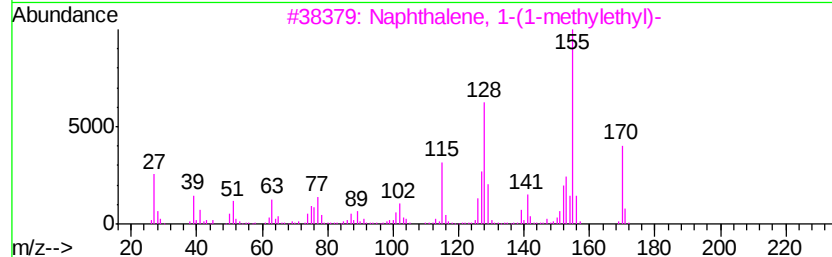
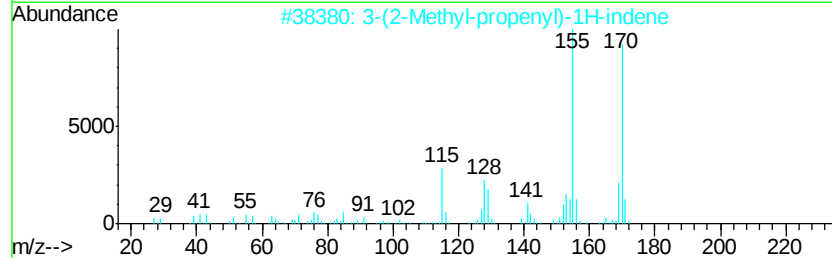
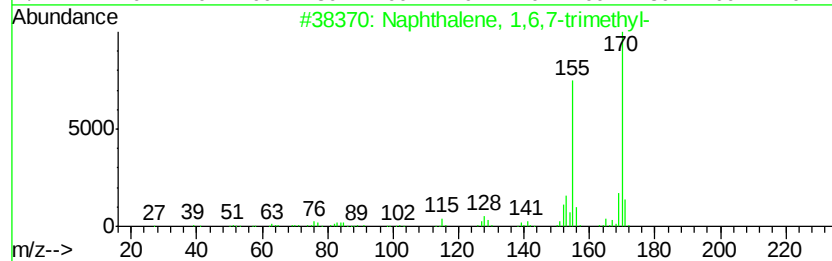
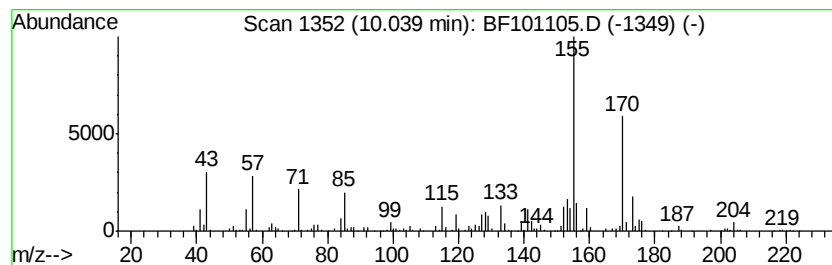
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 1,6,7-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.04	37.96 ng	299420	Acenaphthene-d10	9.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	76
2		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	74
3		Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	74
4		Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	68
5		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	60



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\
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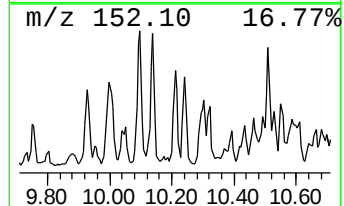
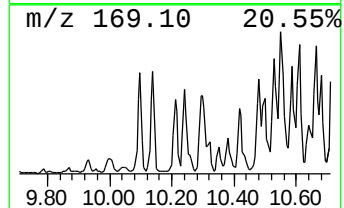
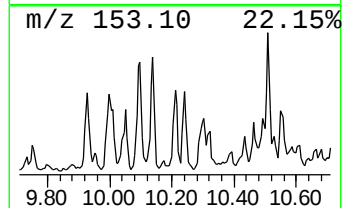
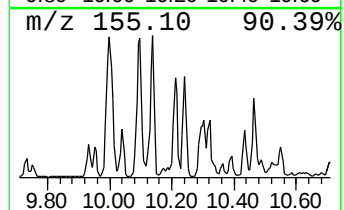
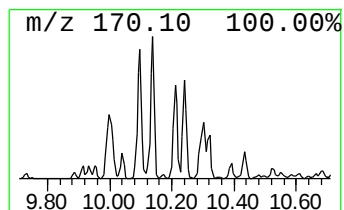
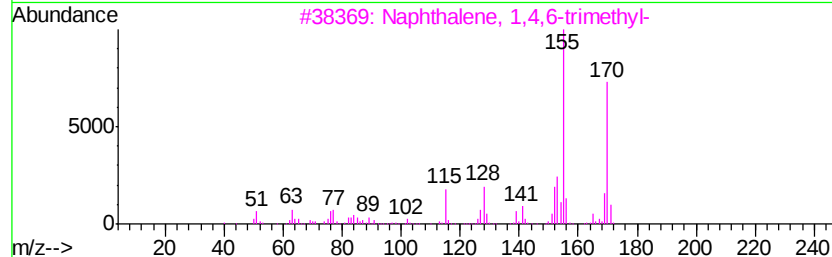
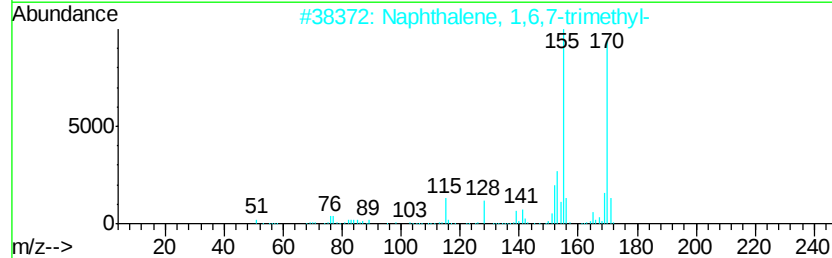
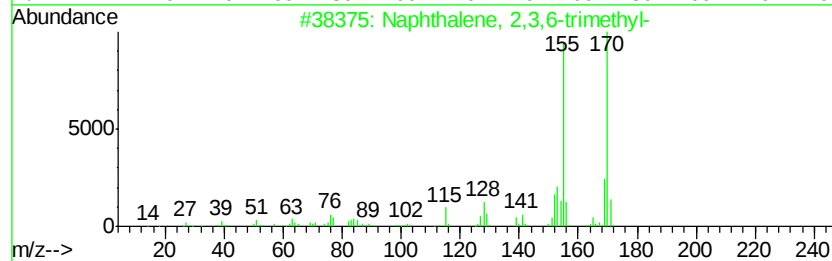
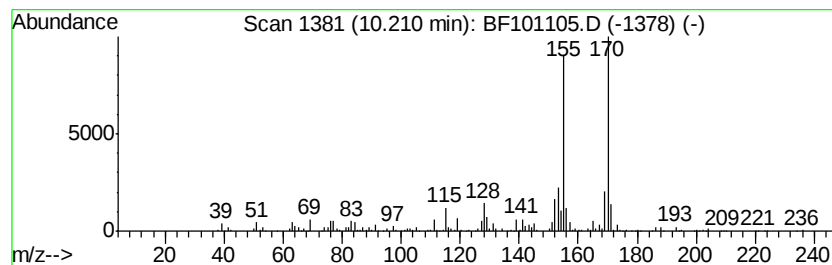
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 2,3,6-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.21	73.82 ng	582300	Acenaphthene-d10	9.89

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	98
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120417\
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Acq On : 4 Dec 2017 18:29
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ClientSampleId :
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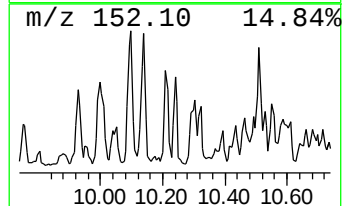
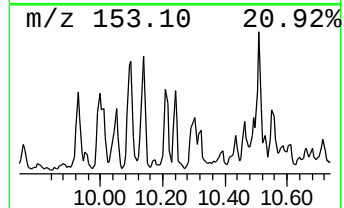
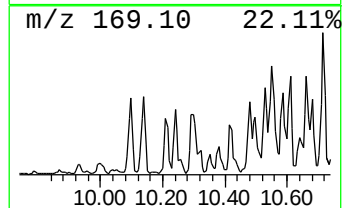
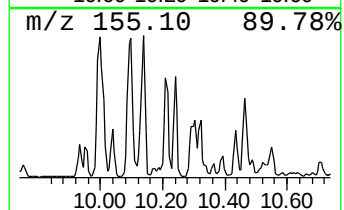
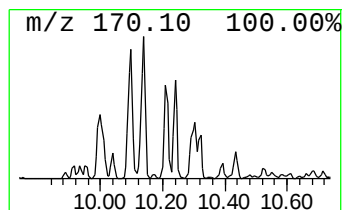
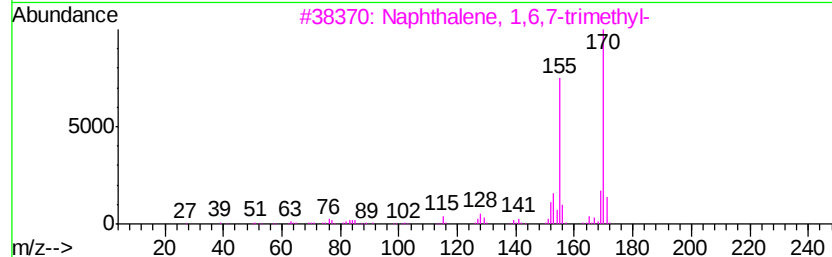
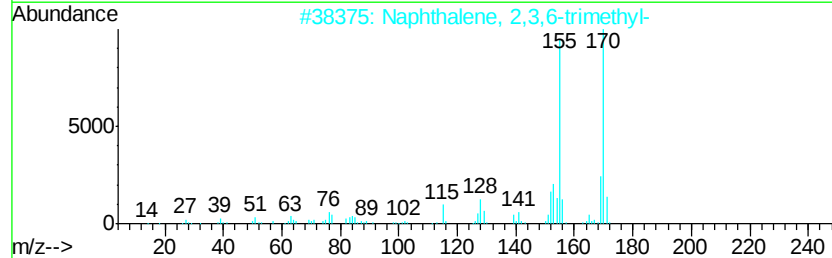
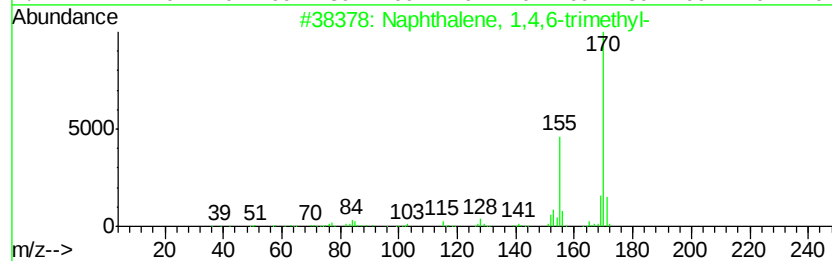
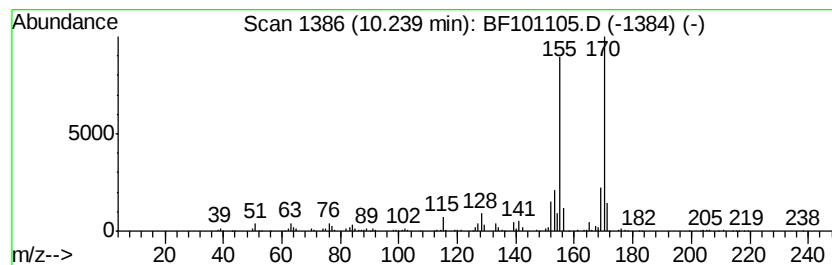
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 1,4,6-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.24	56.34 ng	444451	Acenaphthene-d10	9.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
4			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	94
5			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120417\
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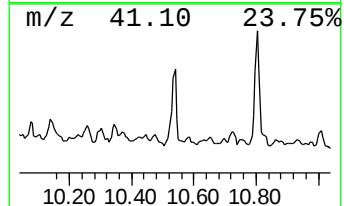
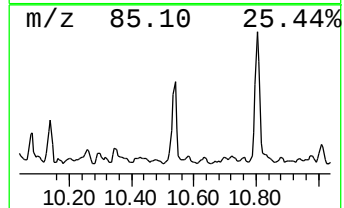
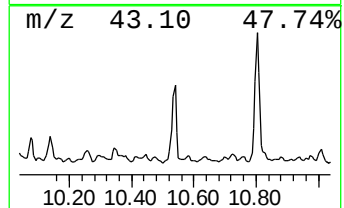
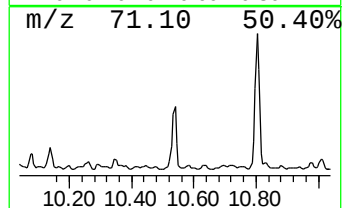
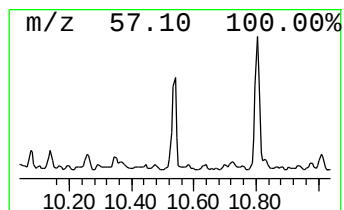
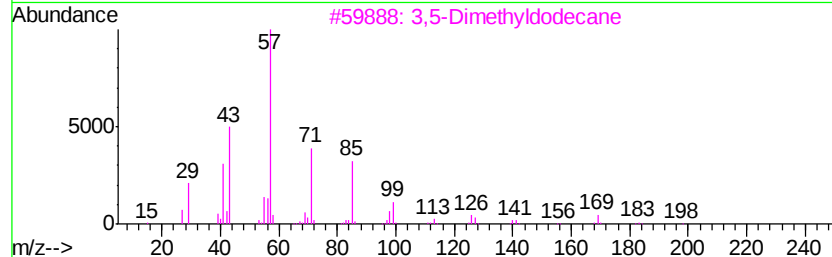
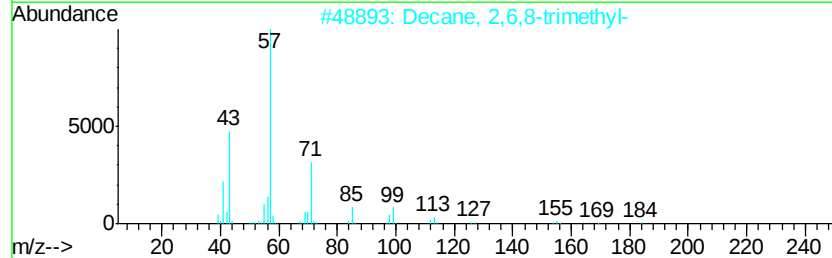
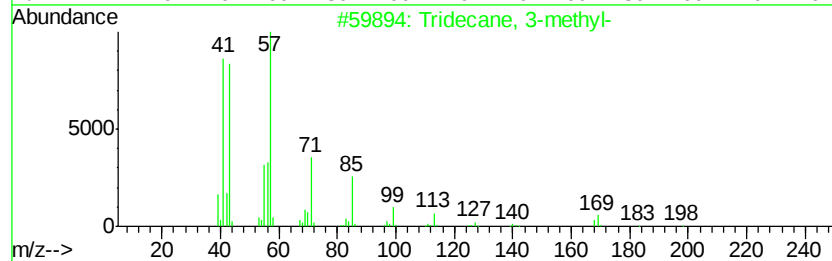
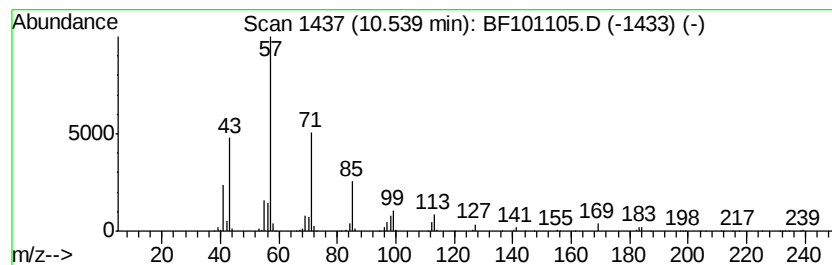
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Tridecane, 3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.54	171.12 ng	1349930	Acenaphthene-d10	9.89

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 3-methyl-	198	C14H30	006418-41-3	80
2		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	76
3		3,5-Dimethyldodecane	198	C14H30	107770-99-0	76
4		Hexadecane	226	C16H34	000544-76-3	72
5		Heneicosane	296	C21H44	000629-94-7	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\
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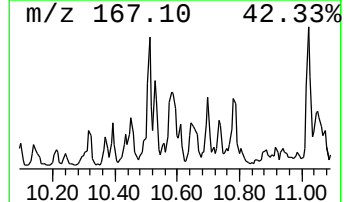
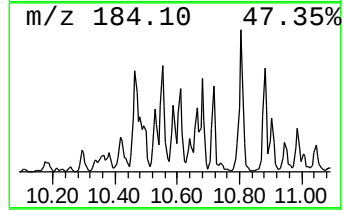
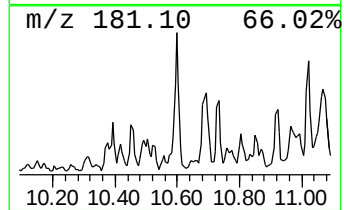
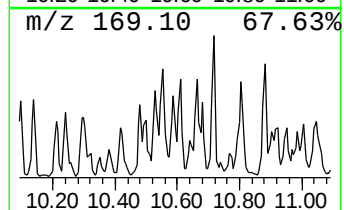
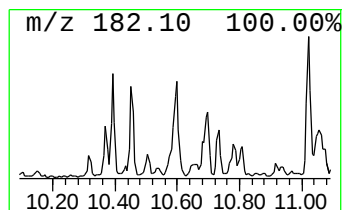
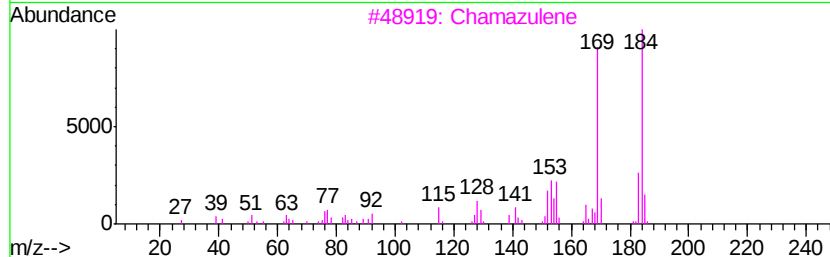
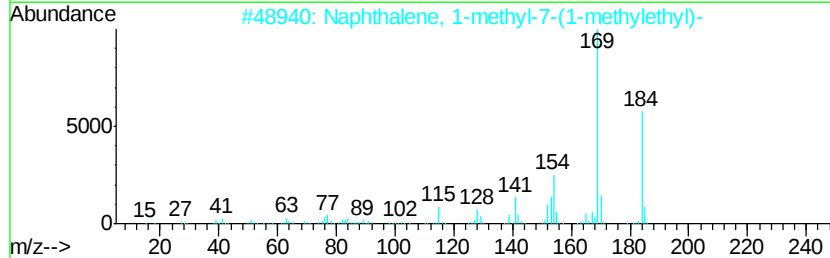
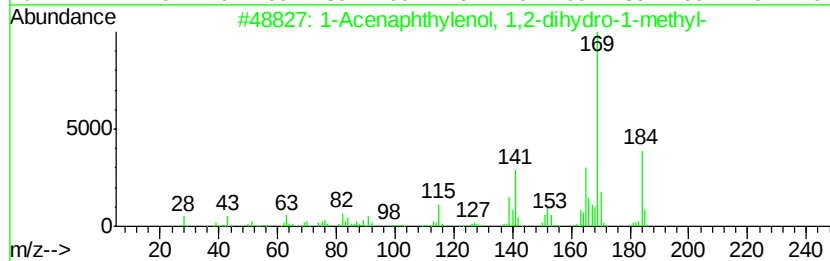
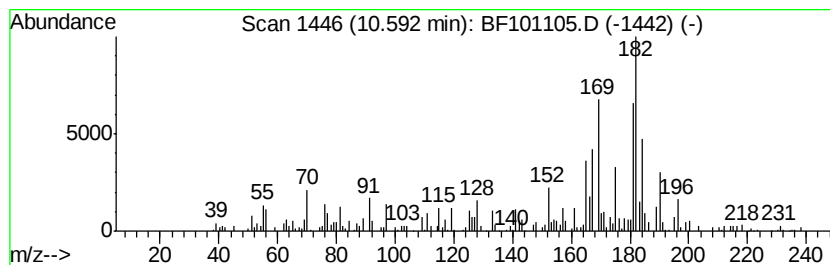
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 1-Acenaphthylenol, 1,2-dihy... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	47.99 ng	378565	Acenaphthene-d10	9.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Acenaphthylenol, 1,2-dihydro-1...	184	C13H12O	041002-74-8	70
2		Naphthalene, 1-methyl-7-(1-methyl-...	184	C14H16	000490-65-3	53
3		Chamazulene	184	C14H16	000529-05-5	53
4		1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	52
5		Phenol, 3,4,5-trimethoxy-	184	C9H12O4	000642-71-7	46



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\
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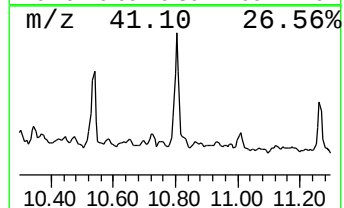
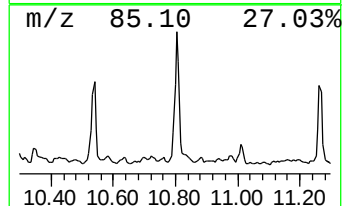
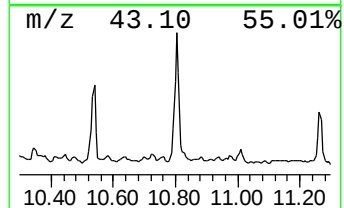
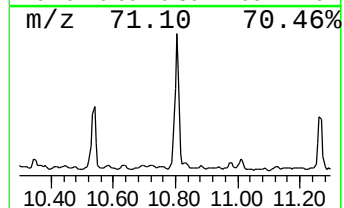
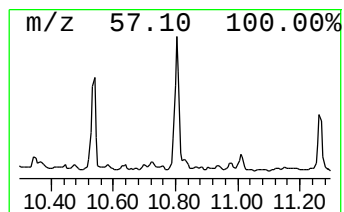
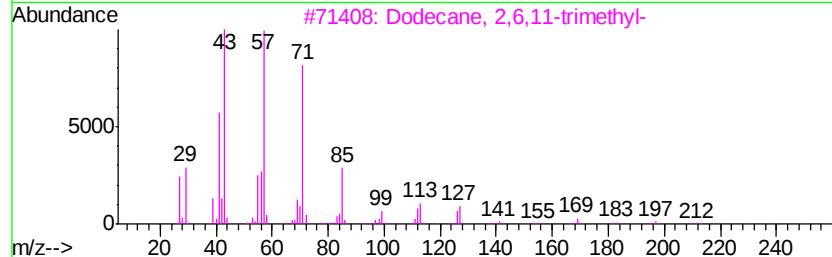
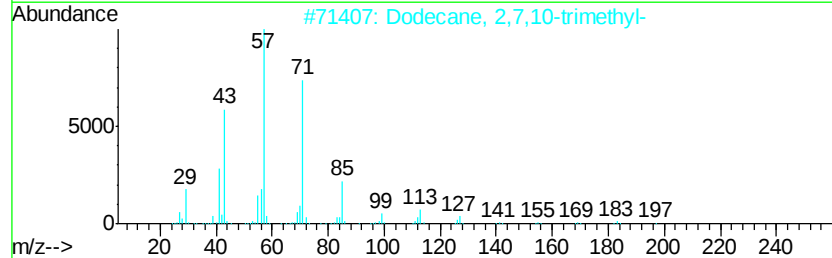
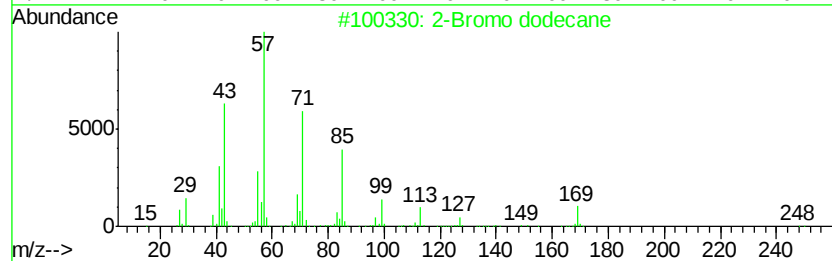
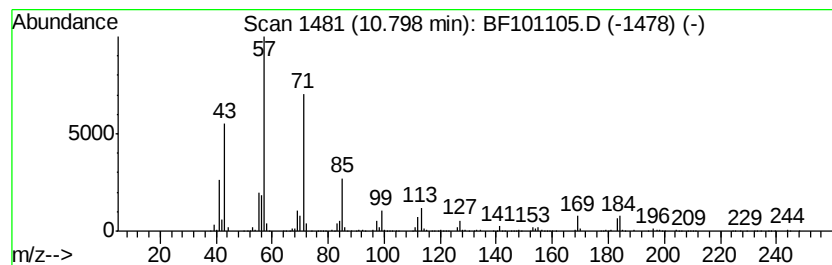
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 2-Bromo dodecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	82.41 ng	1790310	Phenanthrene-d10	11.38

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Bromo dodecane	248	C12H25Br	013187-99-0	89
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
4		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	62
5		Tridecane	184	C13H28	000629-50-5	58



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ALS Vial : 21 Sample Multiplier: 1

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ClientSampleId :
TP-03A

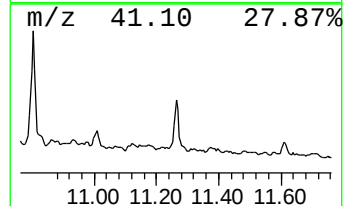
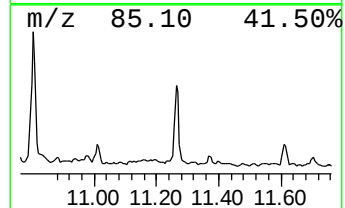
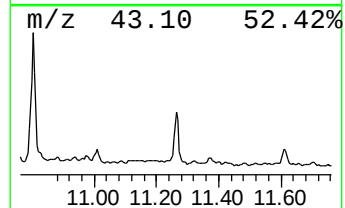
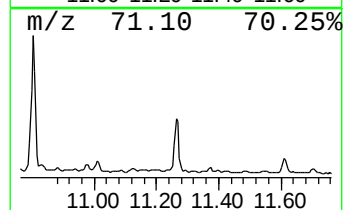
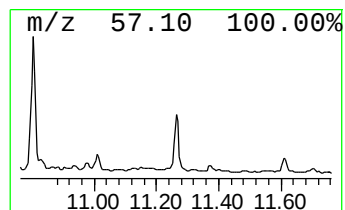
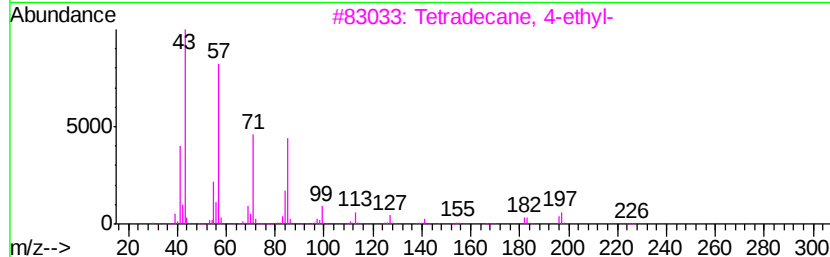
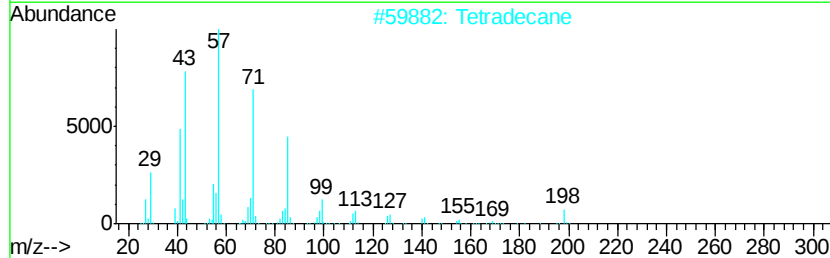
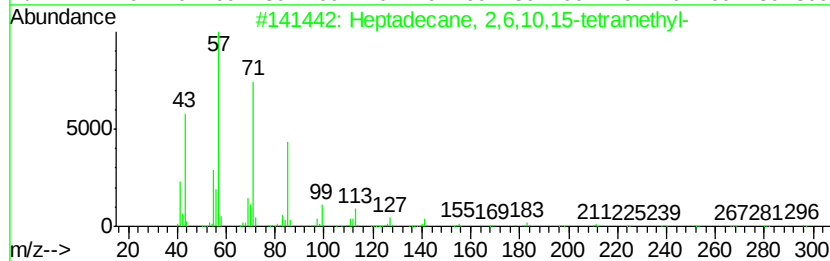
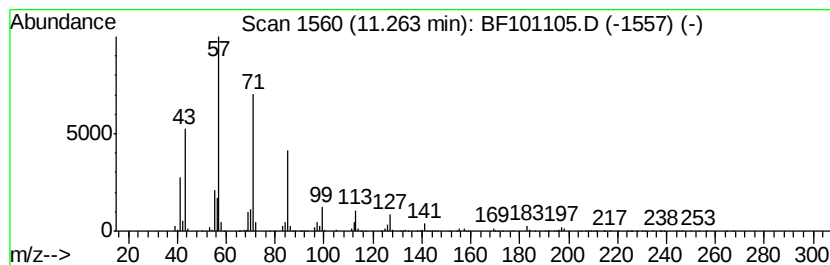
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heptadecane, 2,6,10,15-tetr... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.26	47.04 ng	1021890	Phenanthrene-d10	11.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2		Tetradecane	198	C14H30	000629-59-4	90
3		Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	87
4		Eicosane	282	C20H42	000112-95-8	86
5		2-methyloctacosane	408	C29H60	1000376-72-8	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120417\
 Data File : BF101105.D
 Acq On : 4 Dec 2017 18:29
 Operator : SJ/JU
 Sample : I6697-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-03A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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
unknown6.62	6.62	45.1 ng		1153510	1	6.85	510985	20.0
unknown9.04	9.04	39.1 ng		308701	3	9.89	157772	20.0
Dodecane, 2,7,10-...	9.15	159.2 ng		1255950	3	9.89	157772	20.0
Dodecane, 1-chloro-	9.29	82.2 ng		648182	3	9.89	157772	20.0
Naphthalene, 1,2,...	9.36	37.4 ng		295268	3	9.89	157772	20.0
Naphthalene, 2-et...	9.41	50.7 ng		400052	3	9.89	157772	20.0
Naphthalene, 1,6-...	9.48	173.8 ng		1371350	3	9.89	157772	20.0
Naphthalene, 1,3-...	9.67	68.5 ng		539942	3	9.89	157772	20.0
unknown9.80	9.80	41.3 ng		325662	3	9.89	157772	20.0
Naphthalene, 2-(1...	10.00	93.7 ng		738869	3	9.89	157772	20.0
Naphthalene, 1,6,...	10.04	38.0 ng		299420	3	9.89	157772	20.0
Naphthalene, 2,3,...	10.21	73.8 ng		582300	3	9.89	157772	20.0
Naphthalene, 1,4,...	10.24	56.3 ng		444451	3	9.89	157772	20.0
Tridecane, 3-methyl-	10.54	171.1 ng		1349930	3	9.89	157772	20.0
1-Acenaphthylenol...	10.59	48.0 ng		378565	3	9.89	157772	20.0
2-Bromo dodecane	10.80	82.4 ng		1790310	4	11.38	434495	20.0
Heptadecane, 2,6,...	11.26	47.0 ng		1021890	4	11.38	434495	20.0