

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111517\
 Data File : BF100599.D
 Acq On : 15 Nov 2017 20:14
 Operator : SJ/JU
 Sample : I6448-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-2(25-27)

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-BF110817.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	5.116	510	515	521	rBV	1024419	1279209	17.45%	0.739%
2	5.310	542	548	552	rBV2	617677	819995	11.19%	0.473%
3	5.510	576	582	585	rVB2	2839693	3486166	47.56%	2.013%
4	5.663	605	608	613	rVV2	533192	849466	11.59%	0.490%
5	5.710	613	616	619	rVV	900151	763878	10.42%	0.441%
6	5.751	619	623	626	rVV	616445	696488	9.50%	0.402%
7	5.916	644	651	654	rBV4	934524	1373011	18.73%	0.793%
8	5.957	654	658	662	rBV3	504234	835189	11.39%	0.482%
9	6.051	669	674	677	rVB3	1212312	1694757	23.12%	0.978%
10	6.092	677	681	683	rBV2	491369	551409	7.52%	0.318%
11	6.139	683	689	695	rBV4	2678723	4518121	61.64%	2.609%
12	6.192	695	698	701	rVB	1499579	1337188	18.24%	0.772%
13	6.234	701	705	707	rBV5	357668	538789	7.35%	0.311%
14	6.328	716	721	723	rBV2	1382472	1831656	24.99%	1.058%
15	6.386	729	731	734	rVB	1544673	1195681	16.31%	0.690%
16	6.422	734	737	743	rBV4	1985950	3201966	43.68%	1.849%
17	6.475	743	746	747	rBV2	806730	672599	9.18%	0.388%
18	6.516	747	753	755	rVB2	2303096	3082568	42.05%	1.780%
19	6.563	759	761	763	rVB2	876816	667048	9.10%	0.385%
20	6.657	768	777	784	rVB3	2949728	7330153	100.00%	4.232%
21	6.722	784	788	791	rBV3	2020167	2835566	38.68%	1.637%
22	6.745	791	792	795	rVB2	944533	718458	9.80%	0.415%
23	6.828	799	806	807	rBV4	630395	1161207	15.84%	0.670%
24	6.851	807	810	812	rVV3	727142	1078542	14.71%	0.623%
25	6.904	812	819	822	rVB2	3197555	4803487	65.53%	2.773%
26	6.945	823	826	829	rBV2	1665764	1805561	24.63%	1.042%
27	7.004	833	836	838	rVV2	747537	824948	11.25%	0.476%
28	7.039	838	842	846	rVV3	2969707	4244445	57.90%	2.451%
29	7.069	846	847	849	rVB	959214	587450	8.01%	0.339%
30	7.116	853	855	857	rBV	854574	876853	11.96%	0.506%
31	7.163	860	863	866	rVB	2339297	2468363	33.67%	1.425%
32	7.192	866	868	869	rBV	1033166	854137	11.65%	0.493%
33	7.210	869	871	873	rVV	990355	886206	12.09%	0.512%
34	7.228	873	874	878	rVB3	1121850	984501	13.43%	0.568%

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35	7.286	878	884	887	rBV3	2243880	3757663	51.26%	2.169%
36	7.316	887	889	893	rVB5	848155	942996	12.86%	0.544%
37	7.363	893	897	899	rBV2	591931	943507	12.87%	0.545%
38	7.428	902	908	910	rBV2	2799453	4219342	57.56%	2.436%
39	7.457	910	913	916	rVV4	1490273	2735298	37.32%	1.579%
40	7.486	916	918	921	rVB	2260411	2105326	28.72%	1.216%
41	7.533	921	926	929	rVB4	2126751	3368461	45.95%	1.945%
42	7.598	929	937	940	rBV5	1666913	3920297	53.48%	2.263%
43	7.645	942	945	946	rVV2	532487	614502	8.38%	0.355%
44	7.669	946	949	951	rVV3	1598313	2034978	27.76%	1.175%
45	7.704	951	955	957	rVB4	1369972	1912332	26.09%	1.104%
46	7.775	963	967	968	rBV3	1261505	1406917	19.19%	0.812%
47	7.792	968	970	972	rVV	1949400	1994204	27.21%	1.151%
48	7.816	972	974	978	rVV3	2108650	2785636	38.00%	1.608%
49	7.851	978	980	983	rVB3	1227542	1483850	20.24%	0.857%
50	7.886	983	986	988	rBV4	1058228	1066215	14.55%	0.616%
51	7.916	988	991	994	rVV3	2006146	2694030	36.75%	1.555%
52	7.969	997	1000	1001	rBV2	573094	565512	7.71%	0.326%
53	7.992	1001	1004	1006	rVV3	1265437	1365839	18.63%	0.789%
54	8.016	1006	1008	1010	rVB	1081990	837950	11.43%	0.484%
55	8.045	1010	1013	1016	rBV2	1230863	1609793	21.96%	0.929%
56	8.080	1016	1019	1021	rBV3	620365	622577	8.49%	0.359%
57	8.128	1022	1027	1029	rVV3	1046402	1737167	23.70%	1.003%
58	8.157	1029	1032	1038	rVV6	2602378	4650322	63.44%	2.685%
59	8.239	1041	1046	1048	rVB	3362969	4550322	62.08%	2.627%
60	8.263	1048	1050	1053	rBV2	1341472	1243796	16.97%	0.718%
61	8.328	1058	1061	1063	rBV4	969947	1050318	14.33%	0.606%
62	8.375	1067	1069	1072	rVB2	1302419	1459133	19.91%	0.842%
63	8.469	1081	1085	1089	rVB5	2039252	2628511	35.86%	1.518%
64	8.522	1091	1094	1096	rBV3	749835	718507	9.80%	0.415%
65	8.551	1096	1099	1103	rVB5	1173905	1483427	20.24%	0.856%
66	8.604	1103	1108	1109	rBV	3431740	4168570	56.87%	2.407%
67	8.680	1118	1121	1124	rBV2	1763604	1700036	23.19%	0.982%
68	8.722	1124	1128	1129	rBV4	897638	1011710	13.80%	0.584%
69	8.769	1133	1136	1139	rBV2	1716358	1594019	21.75%	0.920%
70	8.863	1150	1152	1155	rVB3	1634540	1432080	19.54%	0.827%
71	8.922	1160	1162	1164	rVB3	843945	636231	8.68%	0.367%

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72	8.957	1164	1168	1170	rBV5	875488	1144759	15.62%	0.661%
73	8.998	1173	1175	1177	rVB	1133122	1013252	13.82%	0.585%
74	9.080	1187	1189	1193	rVB4	1301089	1559020	21.27%	0.900%
75	9.127	1193	1197	1201	rVV3	812413	1447987	19.75%	0.836%
76	9.169	1202	1204	1206	rVV2	713508	730468	9.97%	0.422%
77	9.198	1206	1209	1214	rVB3	3341085	3590440	48.98%	2.073%
78	9.251	1214	1218	1220	rBV	2065761	1870054	25.51%	1.080%
79	9.327	1227	1231	1236	rBV3	2706853	3762559	51.33%	2.172%
80	9.369	1236	1238	1242	rVV5	695730	1022796	13.95%	0.591%
81	9.404	1242	1244	1246	rVB	1048345	744717	10.16%	0.430%
82	9.516	1260	1263	1268	rVV6	640875	858521	11.71%	0.496%
83	9.563	1268	1271	1272	rVV3	578955	602178	8.22%	0.348%
84	9.586	1272	1275	1277	rVV3	924615	1192308	16.27%	0.688%
85	9.651	1281	1286	1288	rVV3	3353751	4505712	61.47%	2.601%
86	9.704	1292	1295	1297	rBV3	779445	775611	10.58%	0.448%
87	9.745	1300	1302	1304	rVB2	891198	677846	9.25%	0.391%
88	9.798	1307	1311	1313	rBV4	793472	895930	12.22%	0.517%
89	9.845	1316	1319	1324	rVB3	1176056	1471152	20.07%	0.849%
90	10.027	1347	1350	1354	rVB4	481966	584166	7.97%	0.337%
91	10.080	1355	1359	1361	rBV5	388833	659398	9.00%	0.381%
92	10.169	1371	1374	1378	rVB2	798365	971244	13.25%	0.561%
93	10.463	1421	1424	1436	rVB8	330294	880967	12.02%	0.509%
94	10.563	1437	1441	1447	rVB	1397755	1693829	23.11%	0.978%
95	10.710	1463	1466	1469	rVB	1281408	1065350	14.53%	0.615%
96	10.827	1482	1486	1490	rBV	1627830	1669632	22.78%	0.964%
97	11.404	1581	1584	1587	rBV	808869	683169	9.32%	0.394%
98	12.986	1849	1853	1856	rBV	2121553	1875794	25.59%	1.083%
99	14.039	2028	2032	2035	rBV	778020	666802	9.10%	0.385%
100	15.515	2277	2283	2293	rVB	543011	683493	9.32%	0.395%

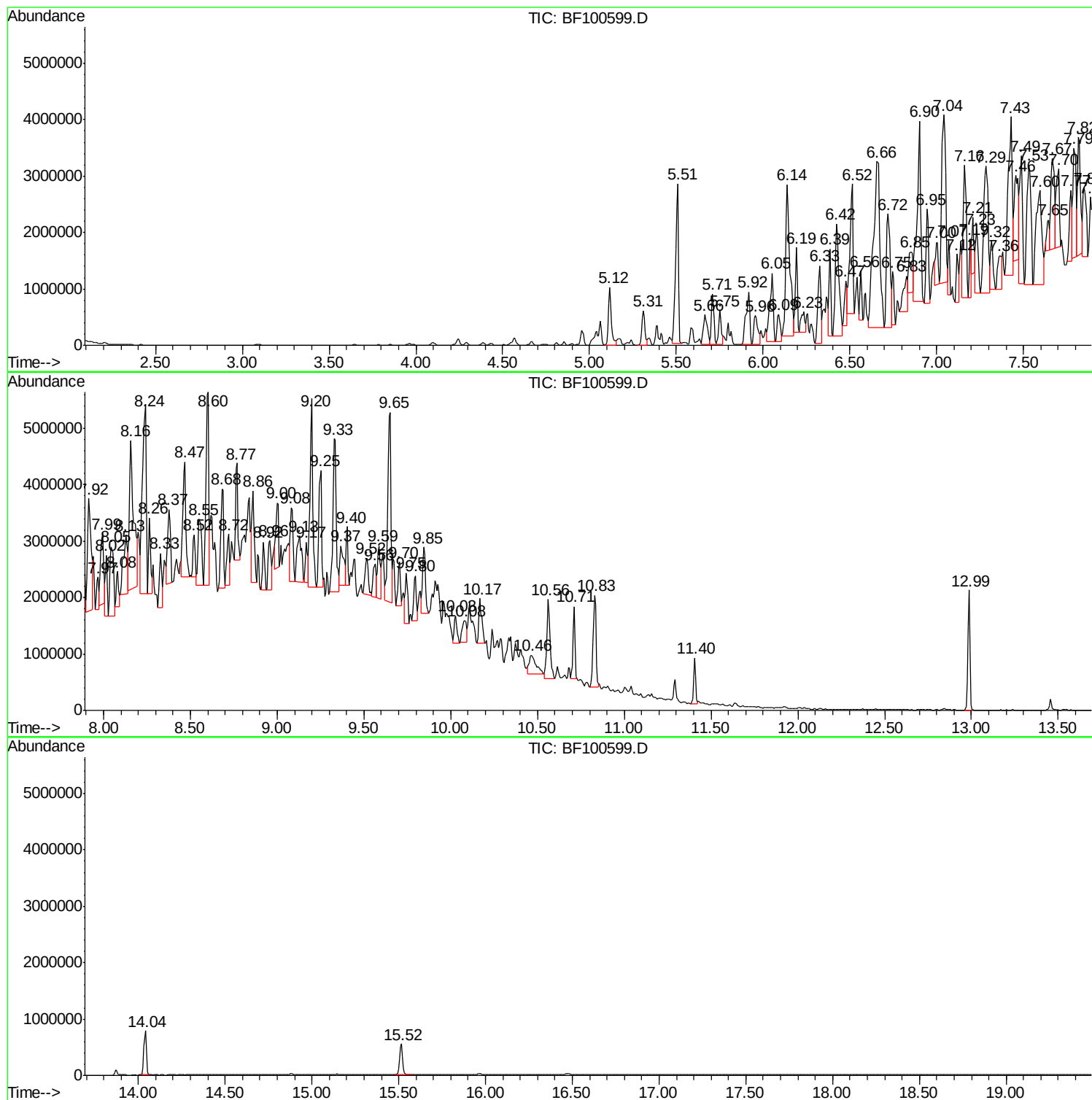
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Instrument :
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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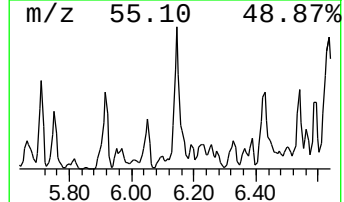
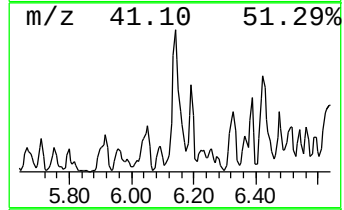
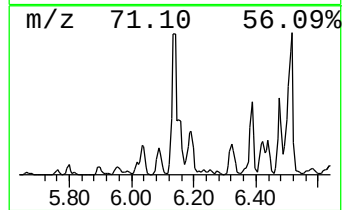
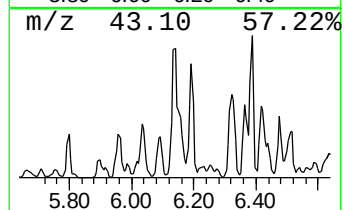
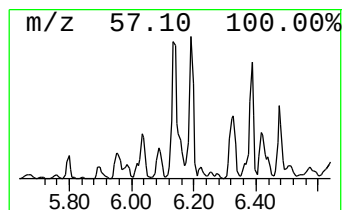
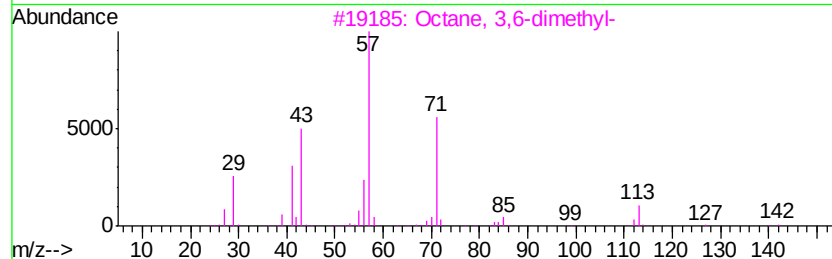
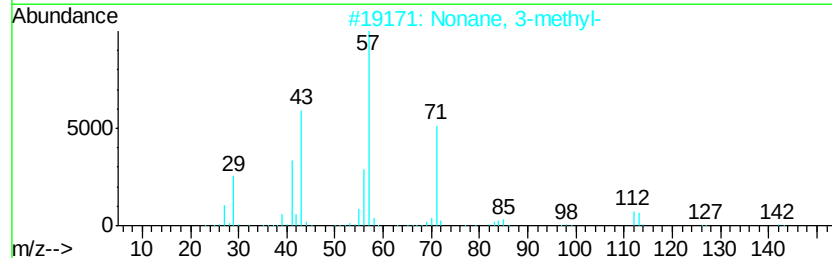
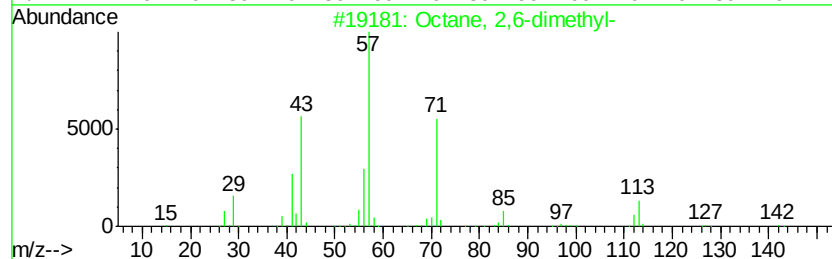
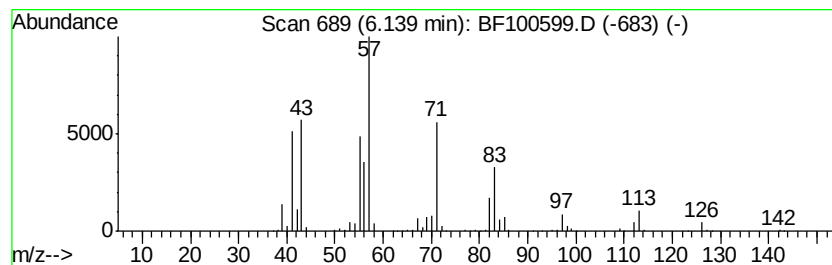
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Octane, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.14	18.81 ng	4518120	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	76
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	64
3		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59
4		Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	53
5		Tridecane, 7-methyl-	198	C14H30	026730-14-3	53



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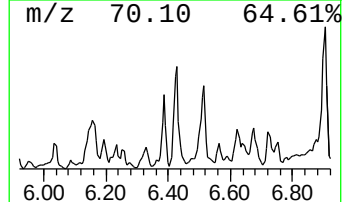
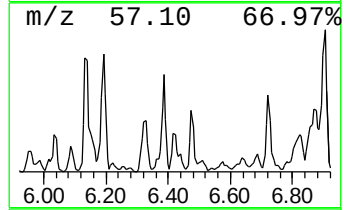
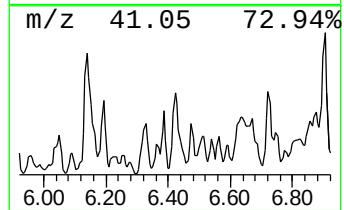
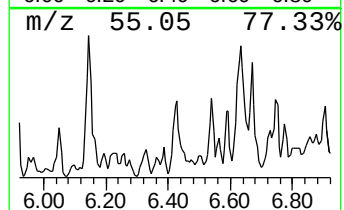
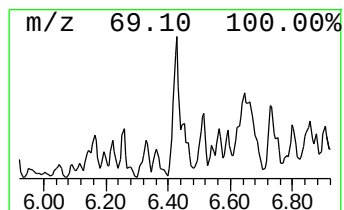
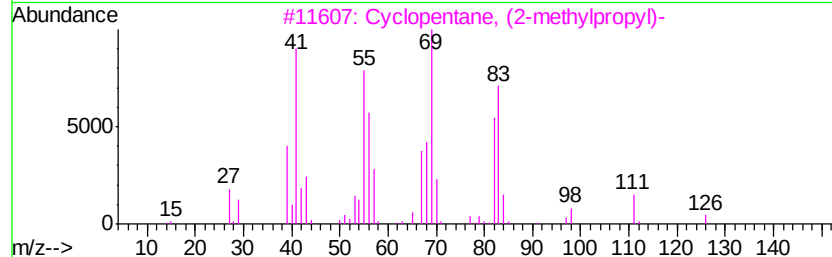
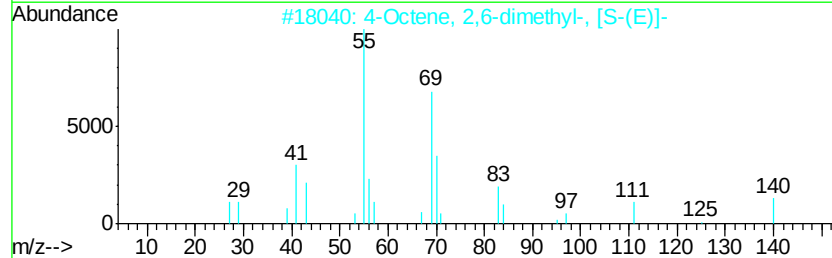
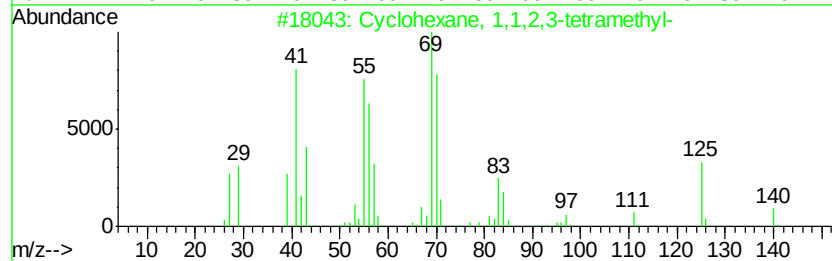
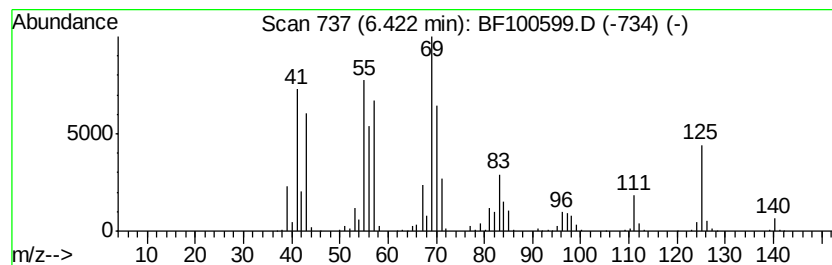
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Peak Number 2 Cyclohexane, 1,1,2,3-tetram... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	13.33 ng	3201970	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	81
2		4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	52
3		Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	49
4		2-Nonene, 2-methyl-	140	C10H20	002129-95-5	49
5		1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	46



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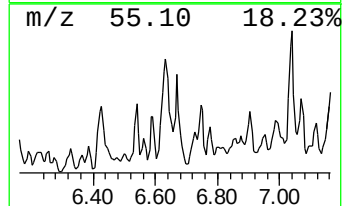
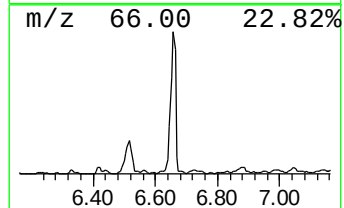
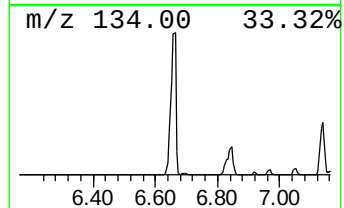
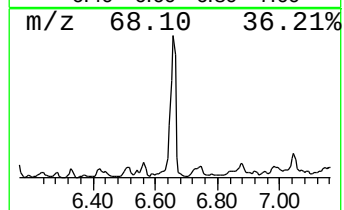
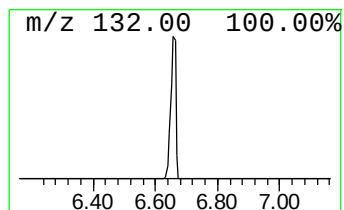
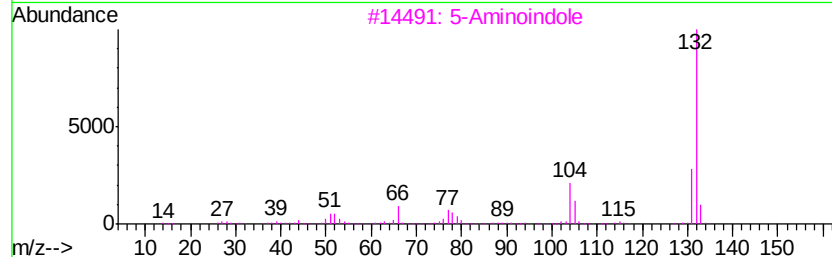
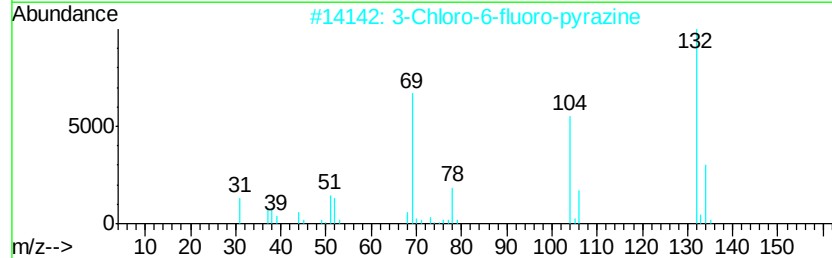
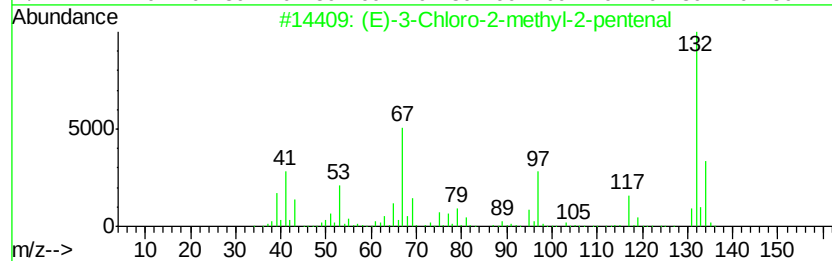
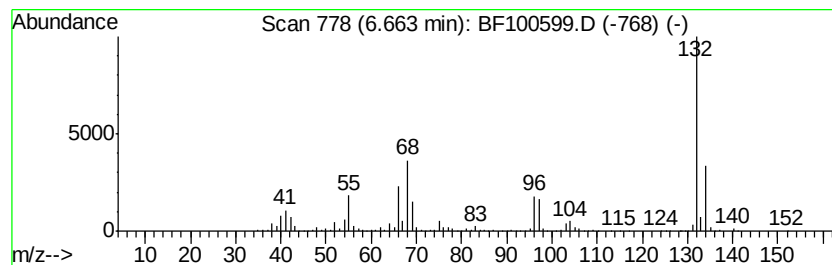
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TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.66 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	30.52 ng	7330150	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111517\
Data File : BF100599.D
Acq On : 15 Nov 2017 20:14
Operator : SJ/JU
Sample : I6448-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EPE-120-2(25-27)

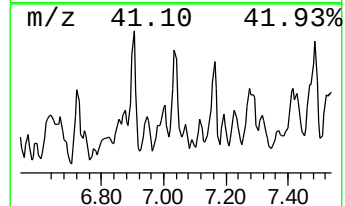
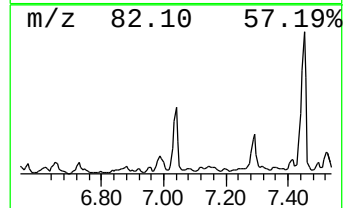
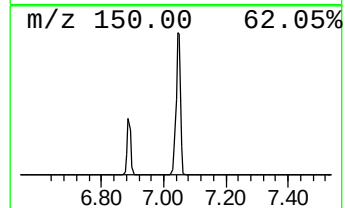
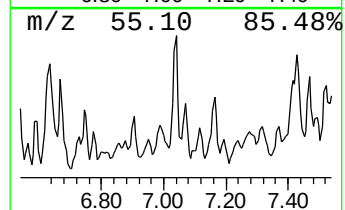
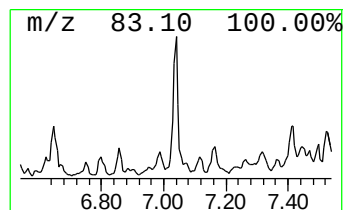
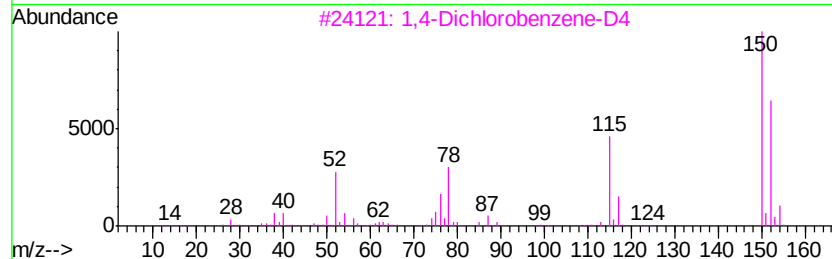
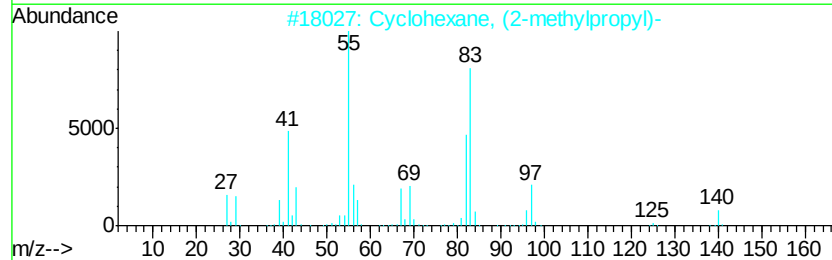
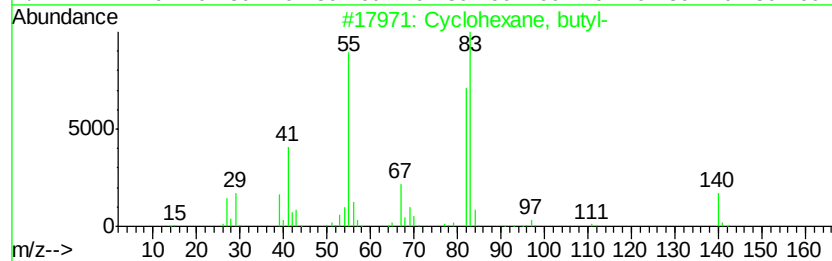
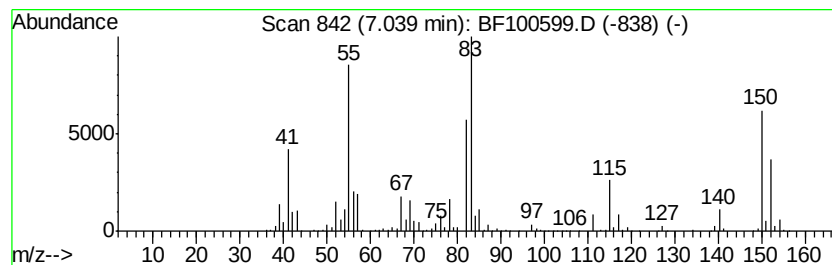
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Cyclohexane, butyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.04	17.67 ng	4244450	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, butyl-	140	C10H20	001678-93-9	60
2		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	52
3		1,4-Dichlorobenzene-D4	150	C6D4Cl2	003855-82-1	50
4		Cyclohexane, pentyl-	154	C11H22	004292-92-6	49
5		1,2-Dichlorobenzene-D4	150	C6D4Cl2	002199-69-1	48



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111517\
Data File : BF100599.D
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ClientSampleId :
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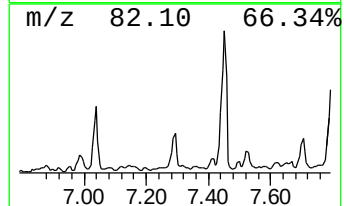
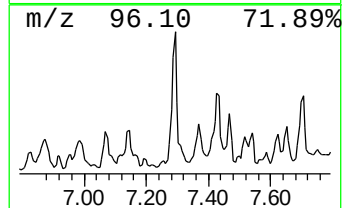
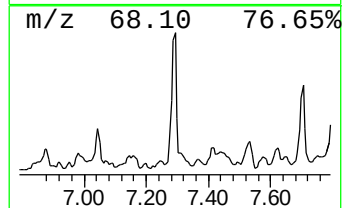
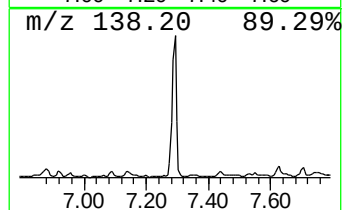
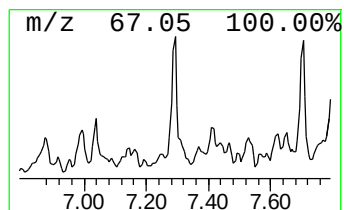
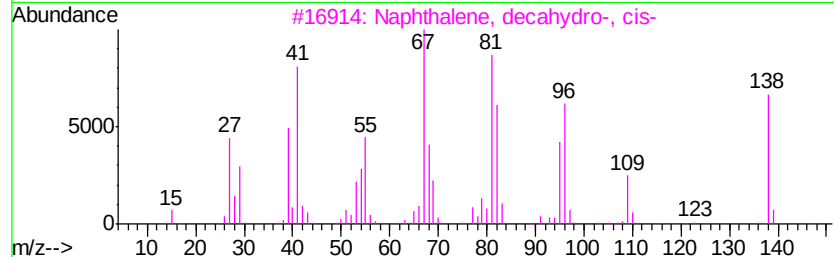
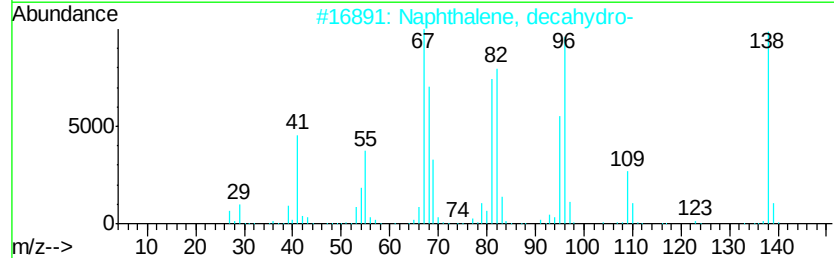
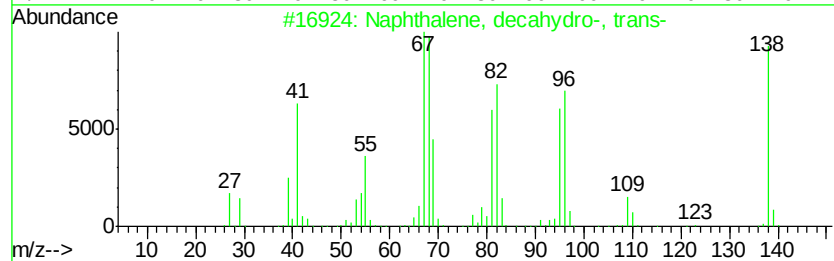
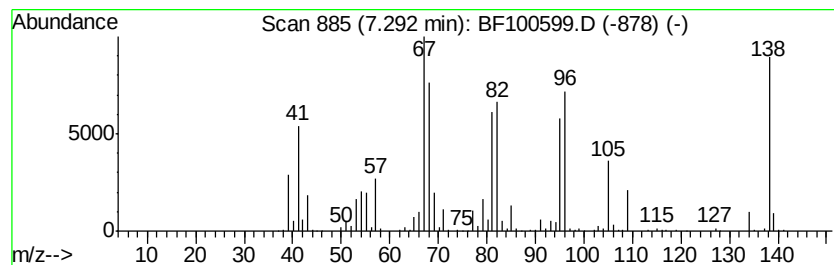
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, decahydro-, tr... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	15.65 ng	3757660	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	86
2		Naphthalene, decahydro-	138	C10H18	000091-17-8	55
3		Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	47
4		Cyclopentanone, 2-(2-methylpropy...	138	C9H14O	016856-72-7	38
5		Bicyclo[3.3.1]nonan-9-one	138	C9H14O	017931-55-4	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111517\
Data File : BF100599.D
Acq On : 15 Nov 2017 20:14
Operator : SJ/JU
Sample : I6448-03
Misc :
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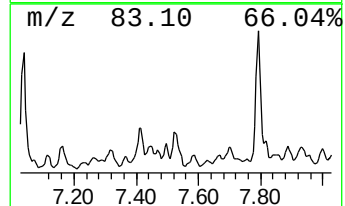
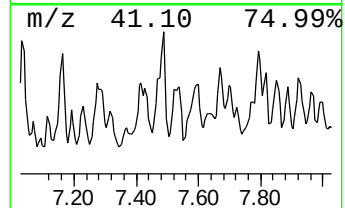
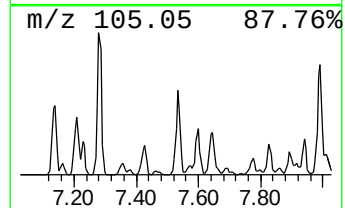
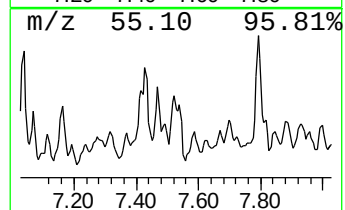
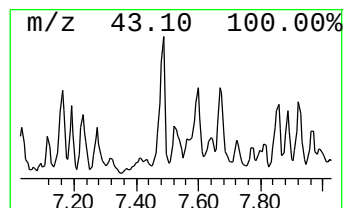
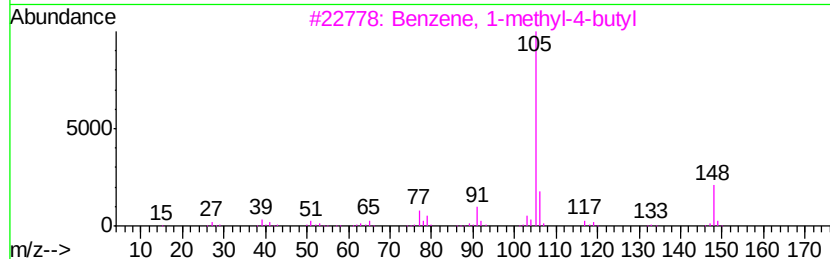
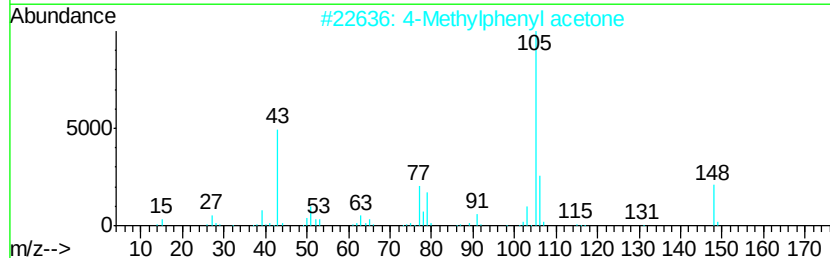
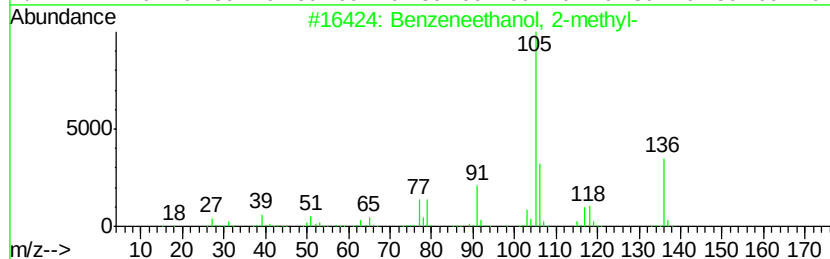
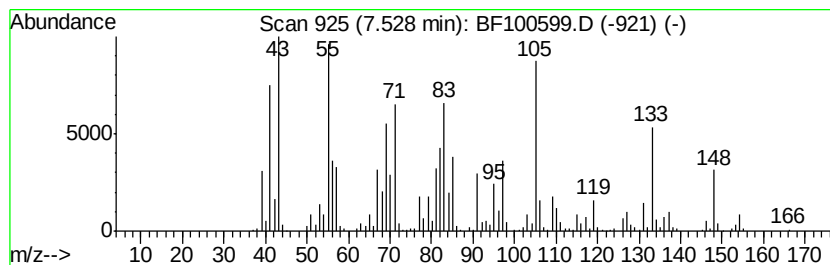
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown7.53 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	14.49 ng	3368460	Napthalene-d8	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzeneethanol, 2-methyl-	136	C9H12O	019819-98-8	35
2		4-Methylphenyl acetone	148	C10H12O	002096-86-8	30
3		Benzene, 1-methyl-4-butyl	148	C11H16	001595-05-7	25
4		6,6-Dimethyl-2-vinylidenebicyclo...	148	C11H16	039021-75-5	22
5		Benzeneethanol, .beta.-methyl-, ...	136	C9H12O	037778-99-7	20



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111517\
Data File : BF100599.D
Acq On : 15 Nov 2017 20:14
Operator : SJ/JU
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Misc :
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Instrument :
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ClientSampled :
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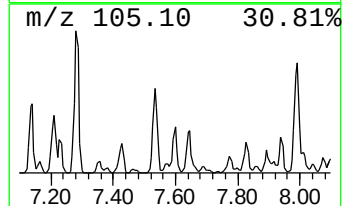
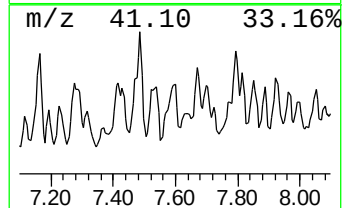
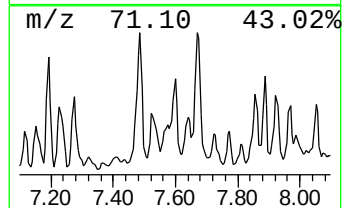
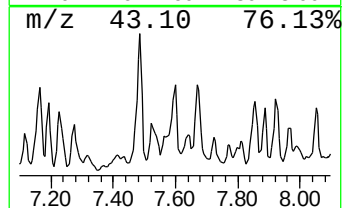
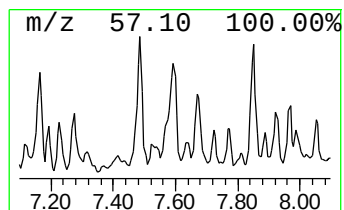
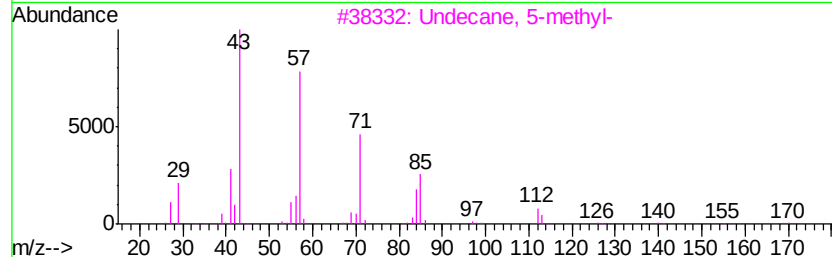
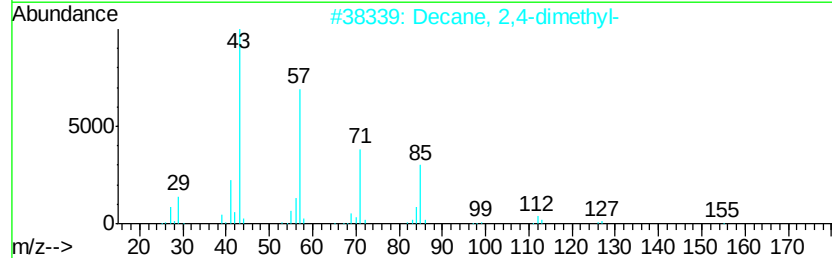
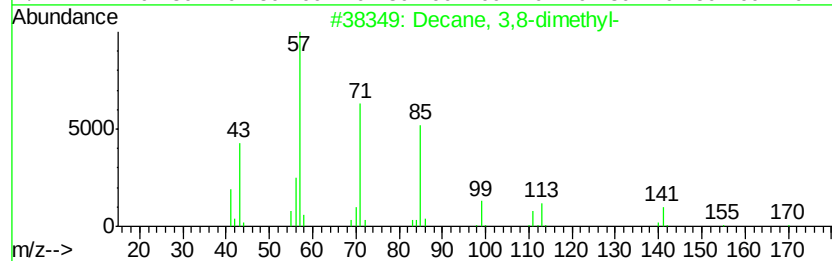
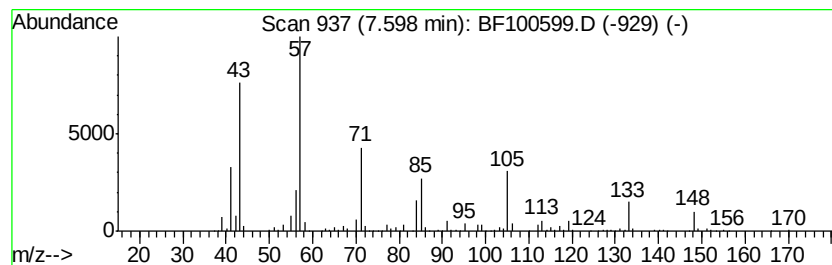
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Decane, 3,8-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	16.86 ng	3920300	Naphthalene-d8	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	52
2		Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	47
3		Undecane, 5-methyl-	170	C12H26	001632-70-8	43
4		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	43
5		Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111517\
Data File : BF100599.D
Acq On : 15 Nov 2017 20:14
Operator : SJ/JU
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Misc :
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Instrument :
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ClientSampleId :
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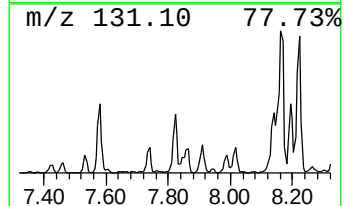
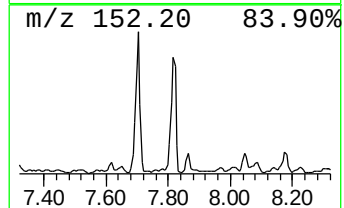
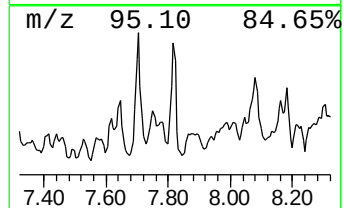
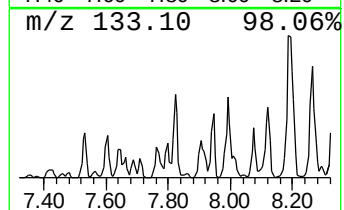
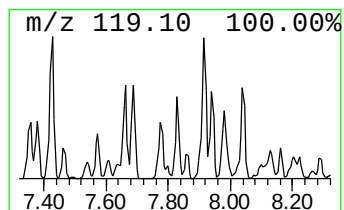
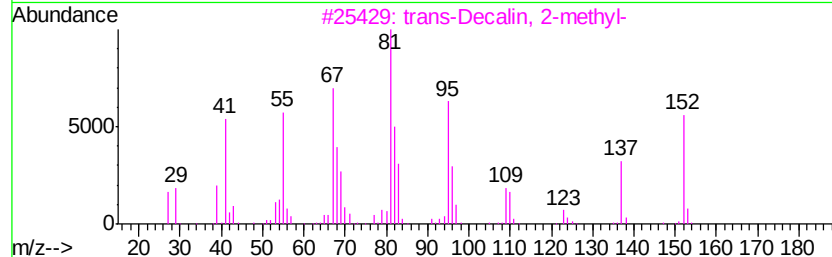
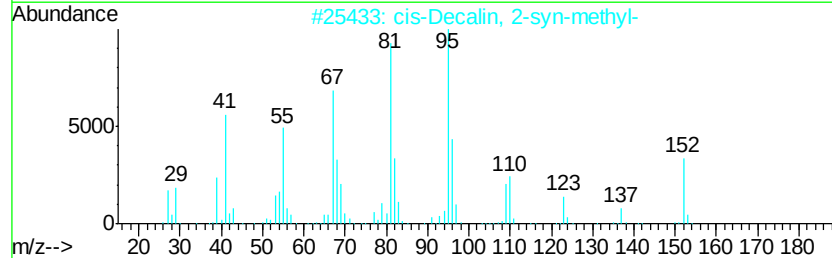
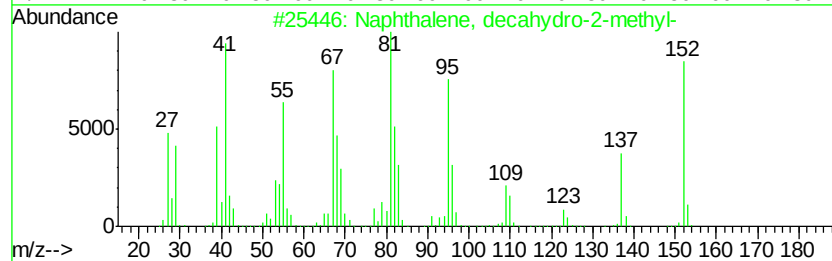
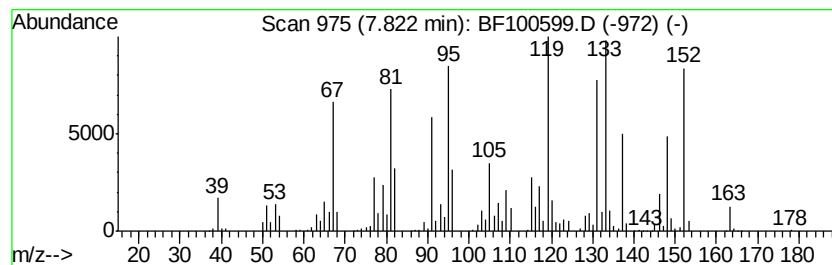
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, decahydro-2-me... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	11.98 ng	2785640	Naphthalene-d8	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	81
2		cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	68
3		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	52
4		Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	029606-79-9	49
5		Decalin, anti-1-methyl-, cis-	152	C11H20	1000158-89-0	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111517\
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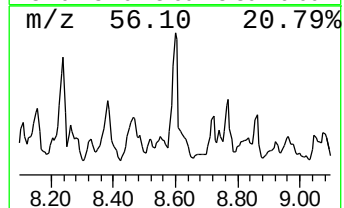
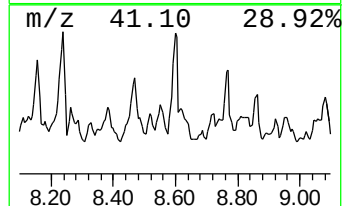
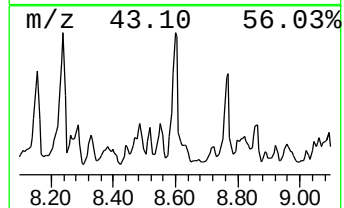
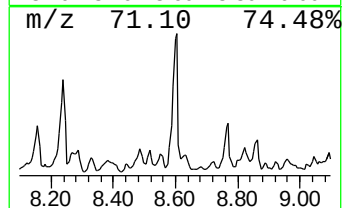
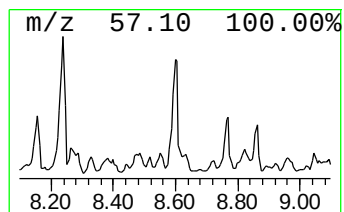
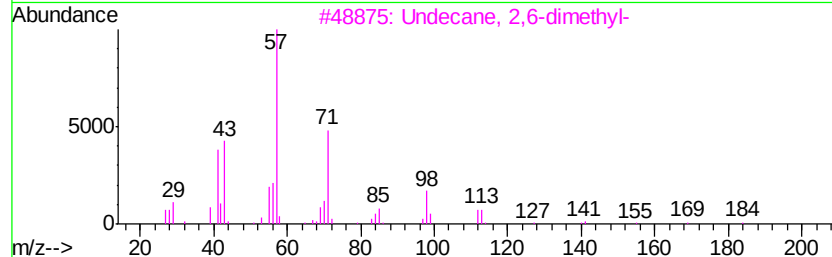
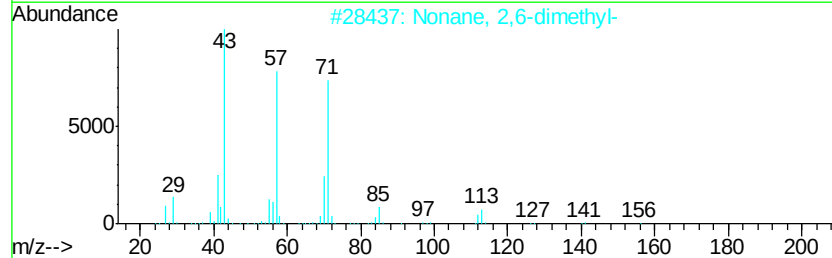
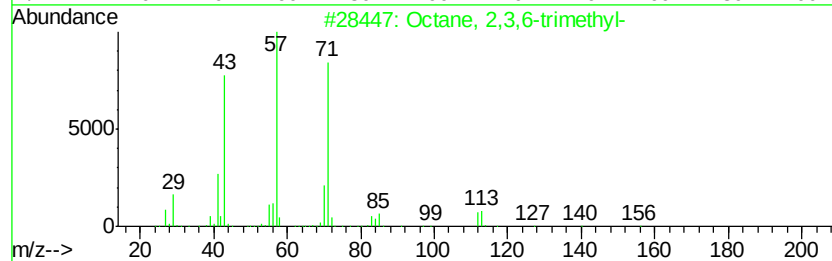
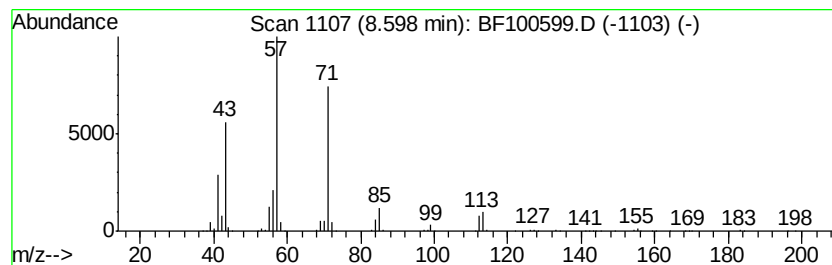
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octane, 2,3,6-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	17.93 ng	4168570	Napthalene-d8	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	78
2		Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	78
3		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	72
4		Decane, 2-methyl-	156	C11H24	006975-98-0	72
5		2-Bromo-6-methylheptane	192	C8H17Br	004730-24-9	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111517\
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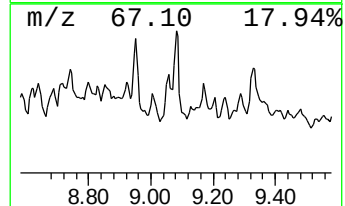
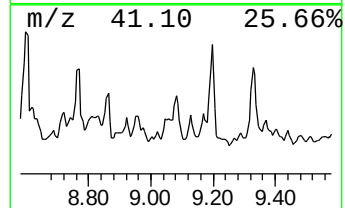
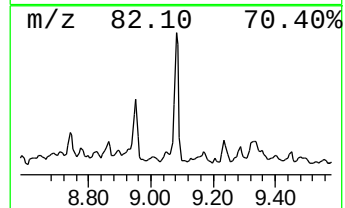
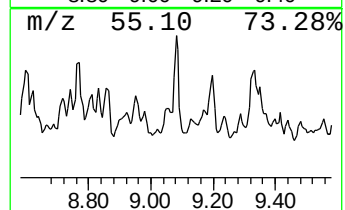
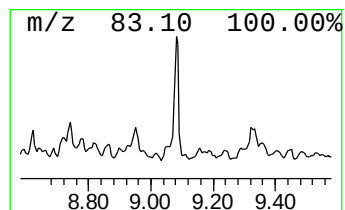
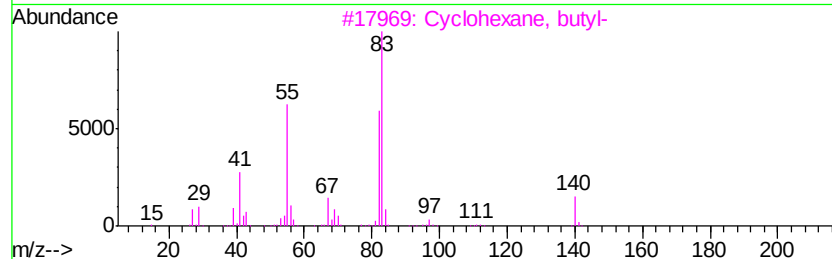
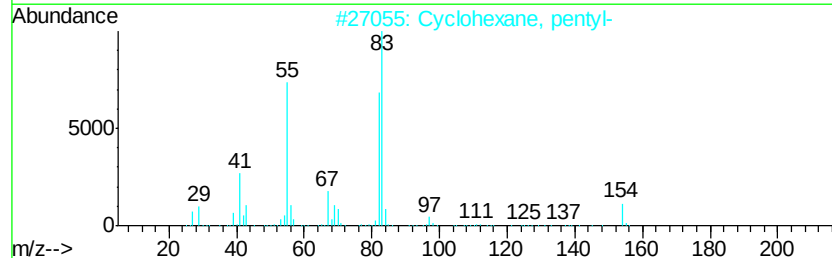
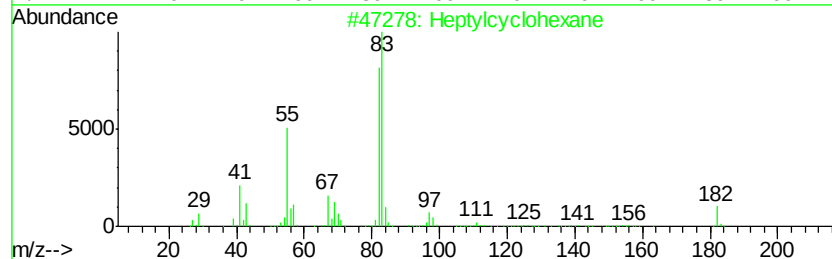
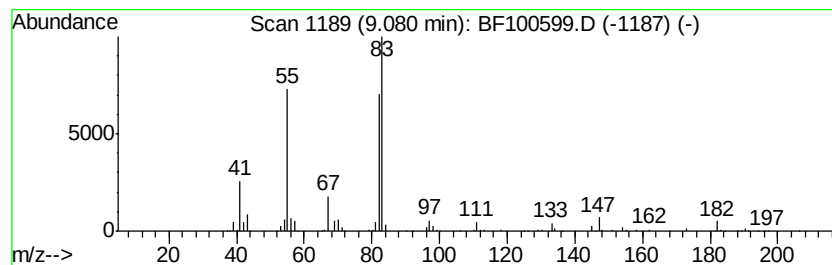
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptylcyclohexane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.08	21.19 ng	1559020	Acenaphthene-d10	9.93
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Heptylcyclohexane	182 C13H26	005617-41-4 78
2		Cyclohexane, pentyl-	154 C11H22	004292-92-6 72
3		Cyclohexane, butyl-	140 C10H20	001678-93-9 56
4		Cyclohexane, undecyl-	238 C17H34	054105-66-7 56
5		Cyclohexane, hexyl-	168 C12H24	004292-75-5 50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111517\
Data File : BF100599.D
Acq On : 15 Nov 2017 20:14
Operator : SJ/JU
Sample : I6448-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

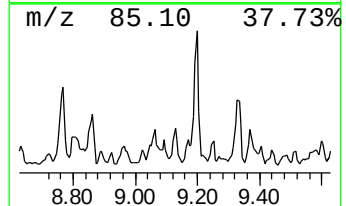
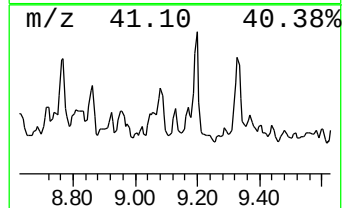
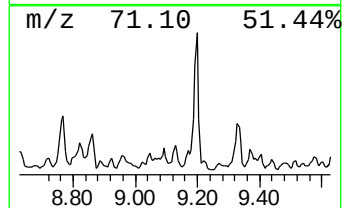
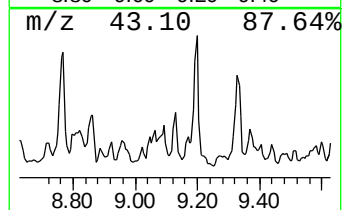
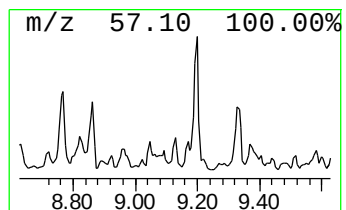
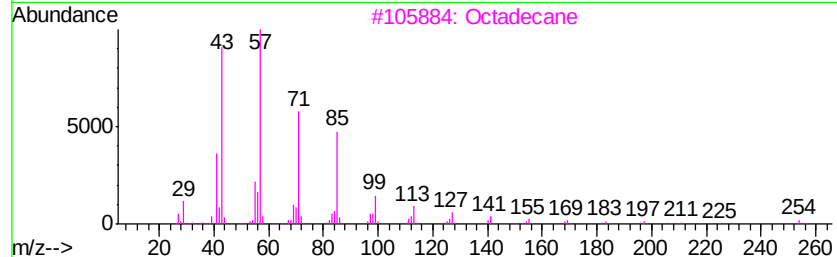
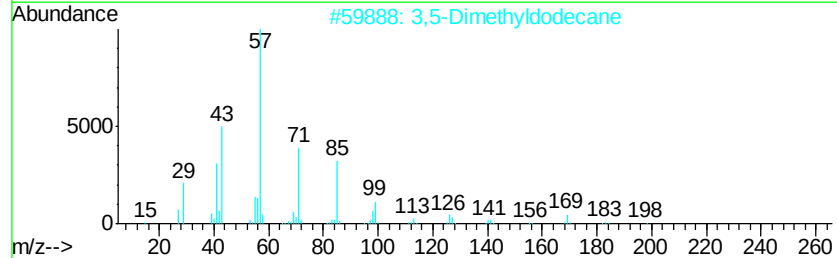
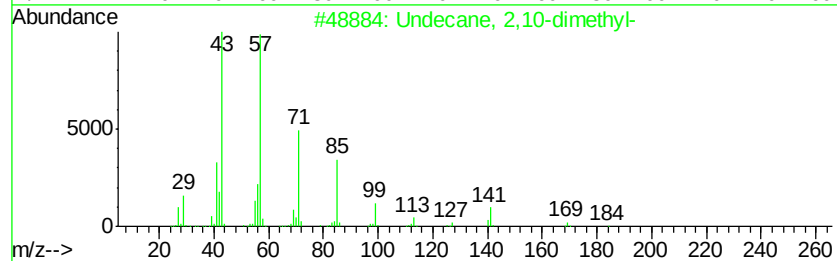
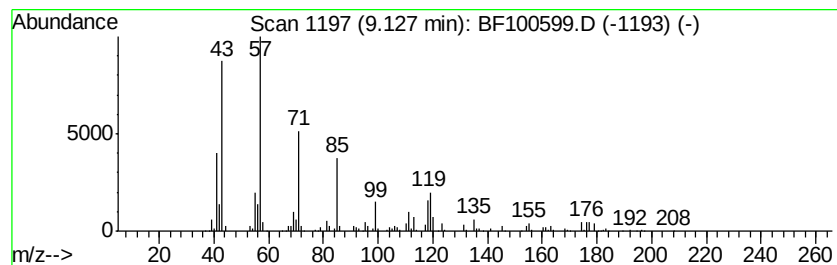
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Undecane, 2,10-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.13	19.69 ng	1447990	Acenaphthene-d10	9.93
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane, 2,10-dimethyl-	184 C13H28	017301-27-8	53
2	3,5-Dimethyldodecane	198 C14H30	107770-99-0	47
3	Octadecane	254 C18H38	000593-45-3	47
4	1-Iodoundecane	282 C11H23I	004282-44-4	47
5	Hexadecane	226 C16H34	000544-76-3	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111517\
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Instrument :
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ClientSampleId :
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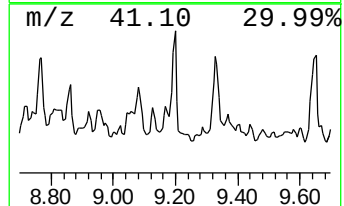
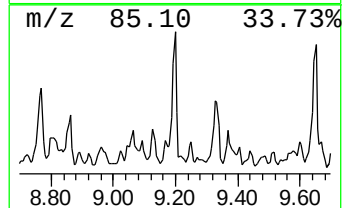
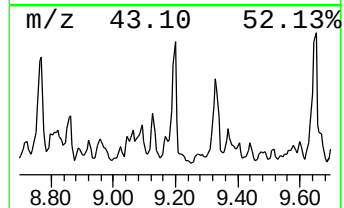
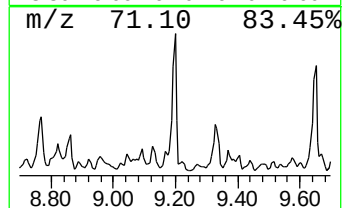
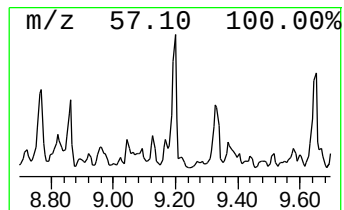
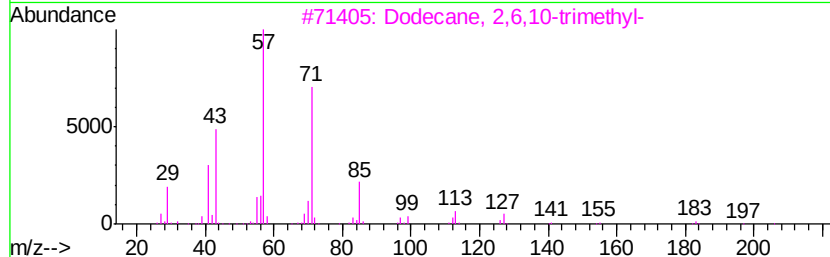
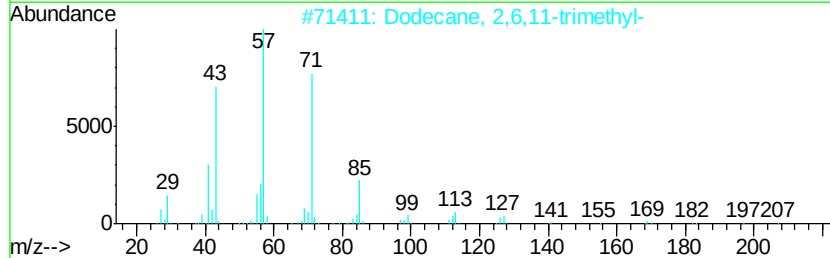
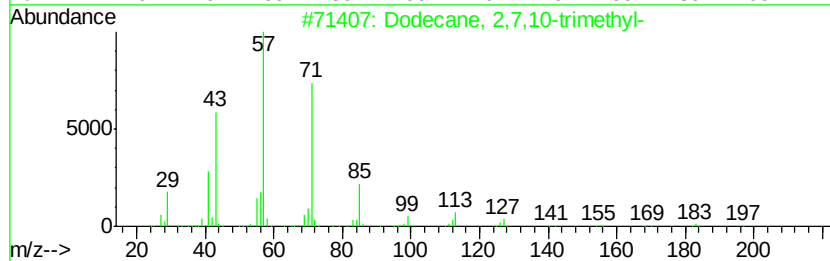
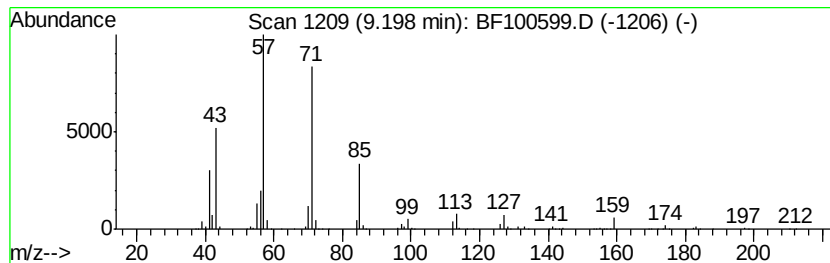
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Dodecane, 2,7,10-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	48.81 ng	3590440	Acenaphthene-d10	9.93

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		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
4		Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	64
5		Bacchotricuneatin c	342	C20H22O5	066563-30-2	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111517\
Data File : BF100599.D
Acq On : 15 Nov 2017 20:14
Operator : SJ/JU
Sample : I6448-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

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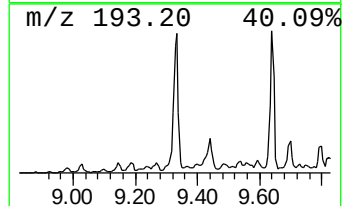
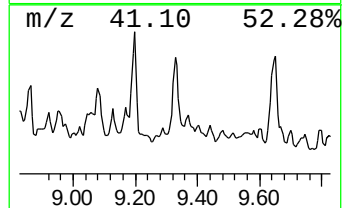
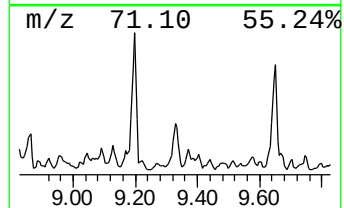
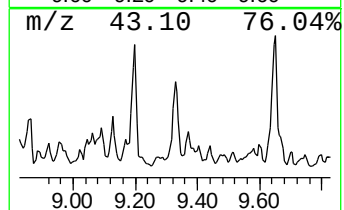
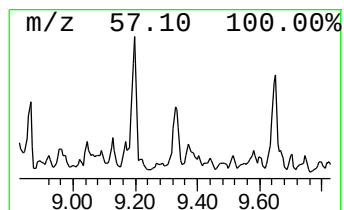
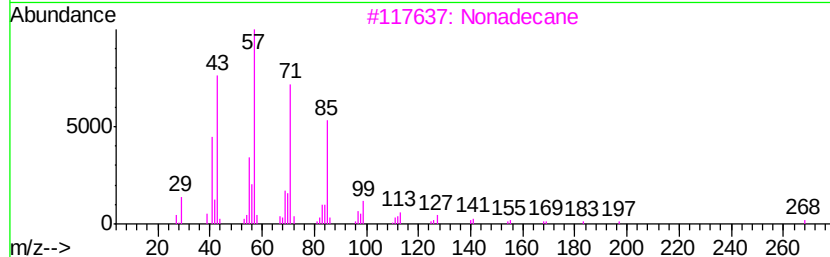
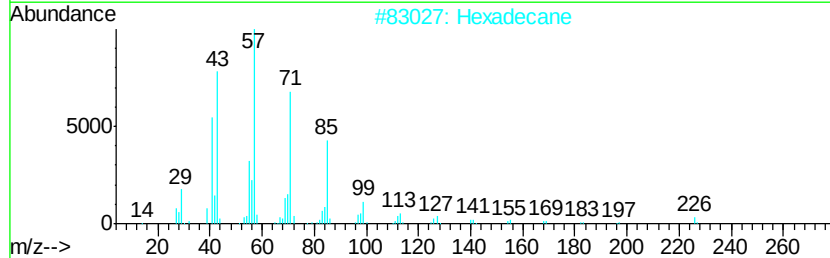
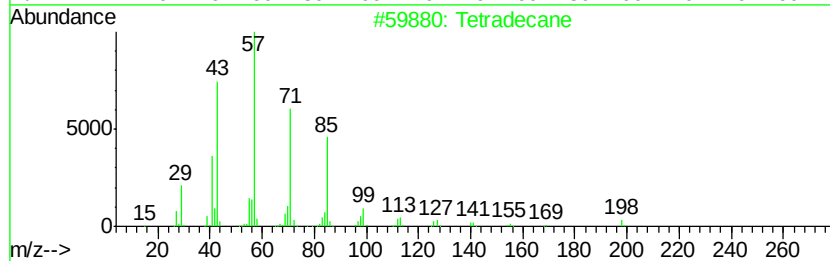
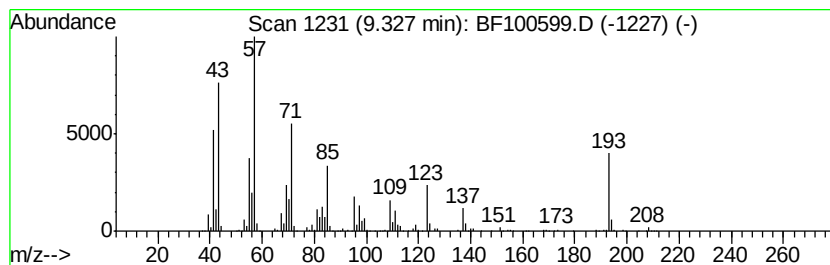
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown9.33 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	51.15 ng	3762560	Acenaphthene-d10	9.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	47
2		Hexadecane	226	C16H34	000544-76-3	25
3		Nonadecane	268	C19H40	000629-92-5	25
4		Dodecane, 2-methyl-	184	C13H28	001560-97-0	22
5		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111517\
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Acq On : 15 Nov 2017 20:14
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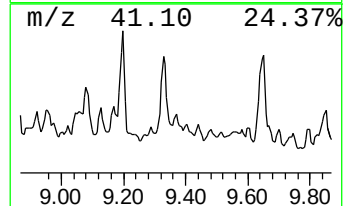
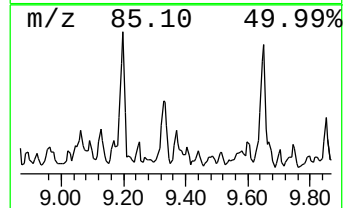
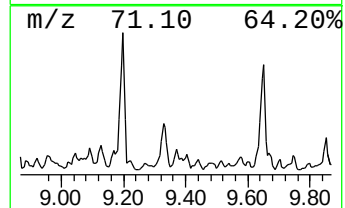
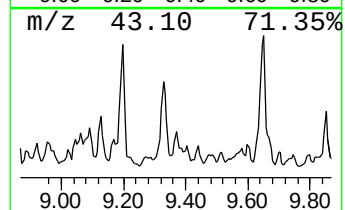
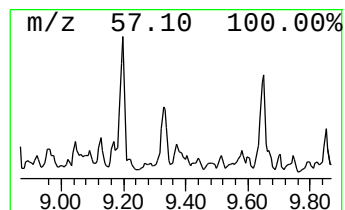
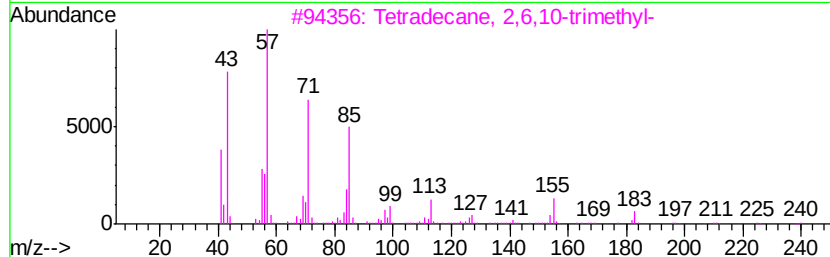
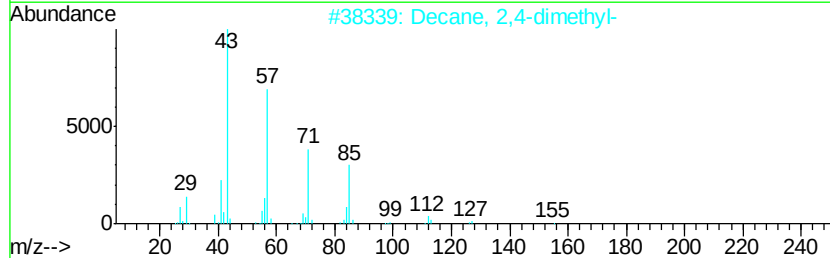
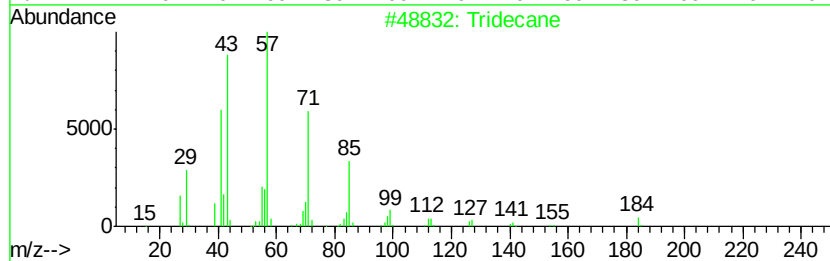
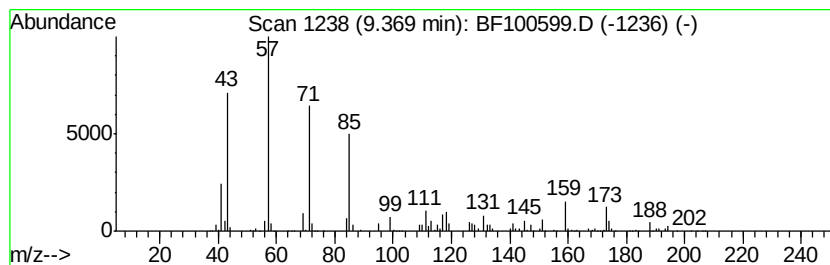
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tridecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	13.90 ng	1022800	Acenaphthene-d10	9.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	50
2		Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	50
3		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	50
4		1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	49
5		Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111517\
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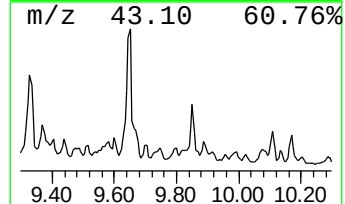
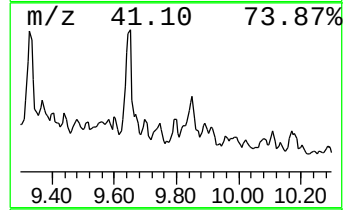
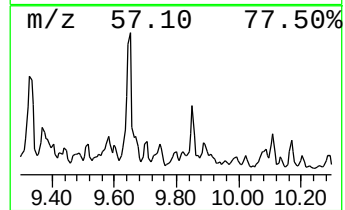
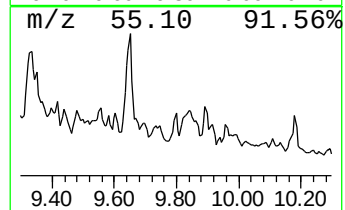
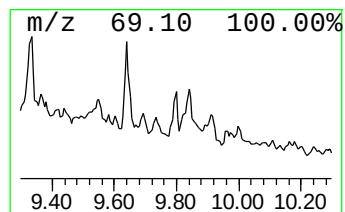
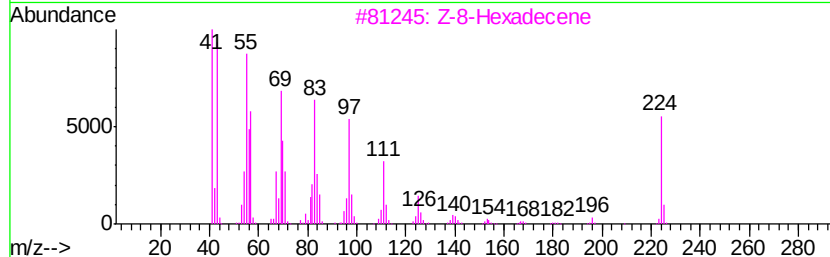
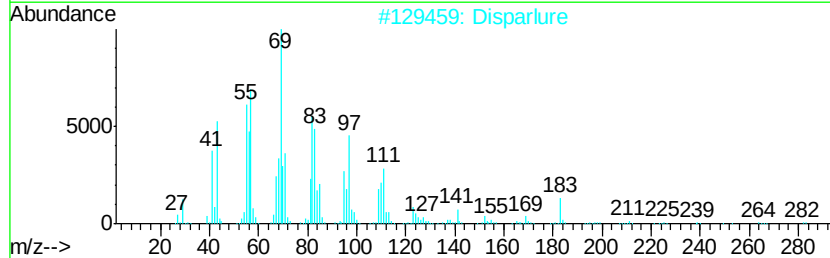
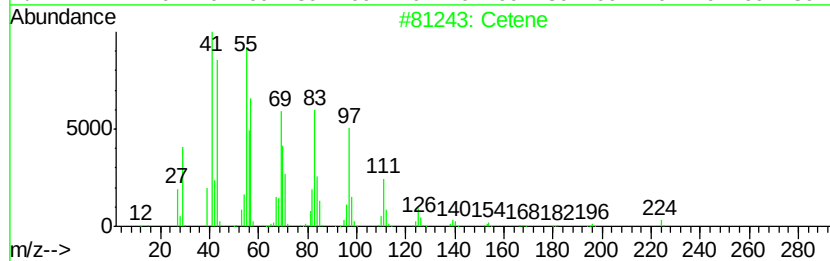
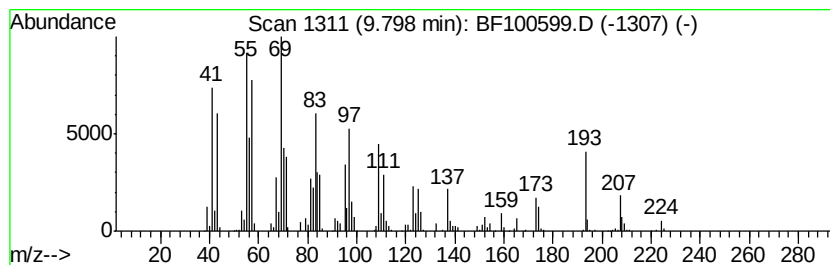
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Cetene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.80	12.18 ng	895930	Acenaphthene-d10	9.93
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cetene	224 C16H32	000629-73-2 55
2		Disparlure	282 C19H38O	029804-22-6 49
3		Z-8-Hexadecene	224 C16H32	1000130-87-5 45
4		Pentafluoropropionic acid, 4-hex...	388 C19H33F5O2	1000283-04-1 45
5		7-Hexadecene, (Z)-	224 C16H32	035507-09-6 41



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111517\
Data File : BF100599.D
Acq On : 15 Nov 2017 20:14
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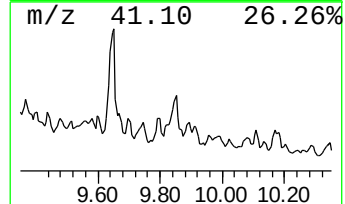
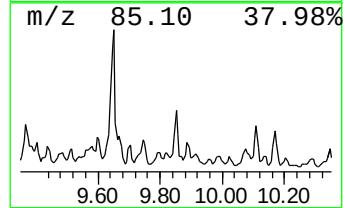
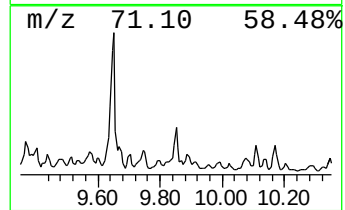
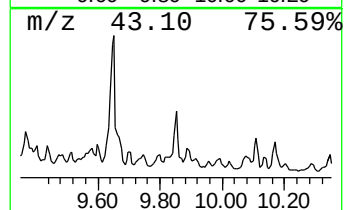
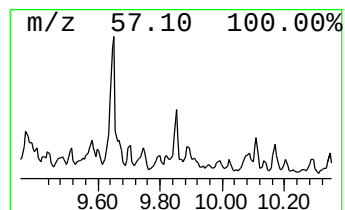
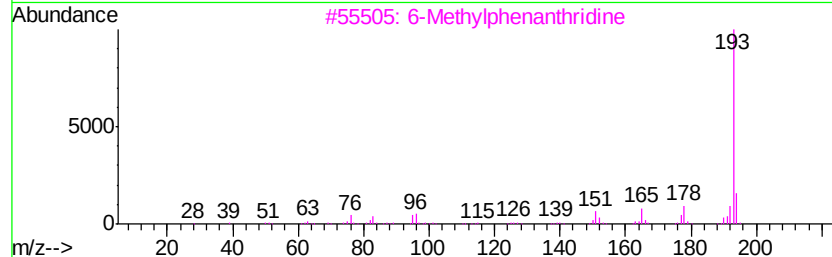
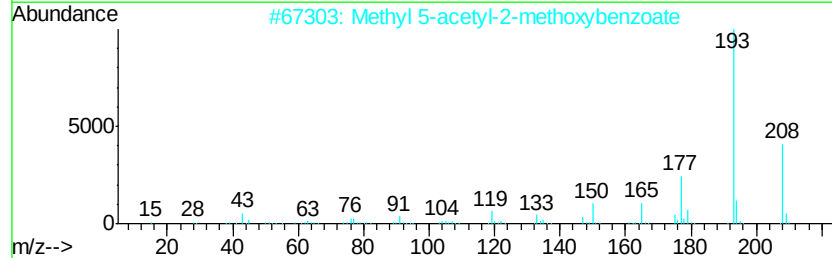
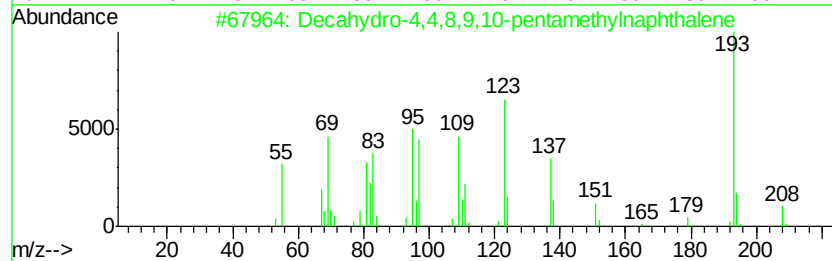
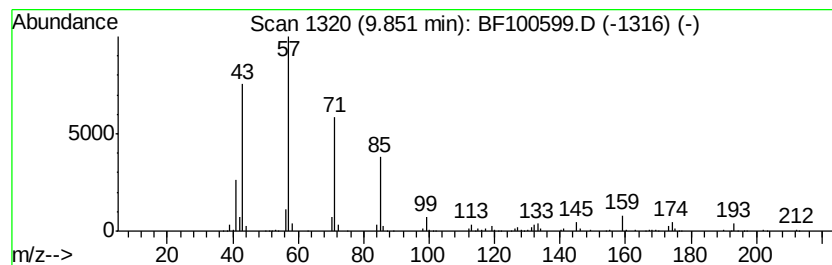
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown9.85 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	20.00 ng	1471150	Acenaphthene-d10	9.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	25
2		Methyl 5-acetyl-2-methoxybenzoate	208	C11H12O4	039971-36-3	22
3		6-Methylphenanthridine	193	C14H11N	003955-65-5	22
4		[1,1'-Biphenyl]-4-acetonitrile	193	C14H11N	031603-77-7	22
5		1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	15



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111517\
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ClientSampled :
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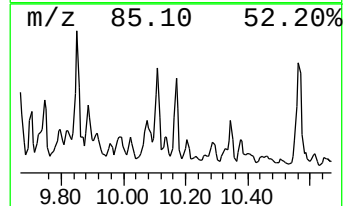
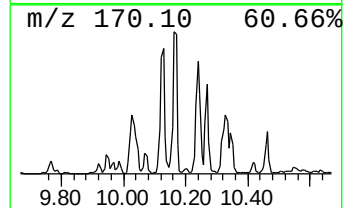
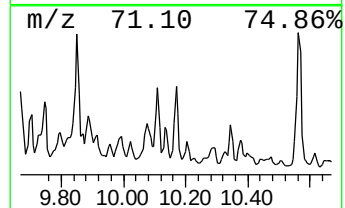
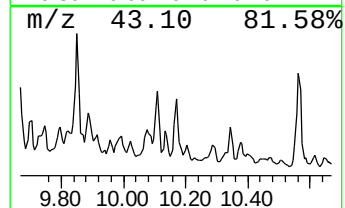
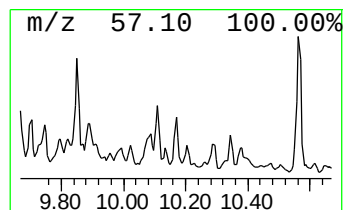
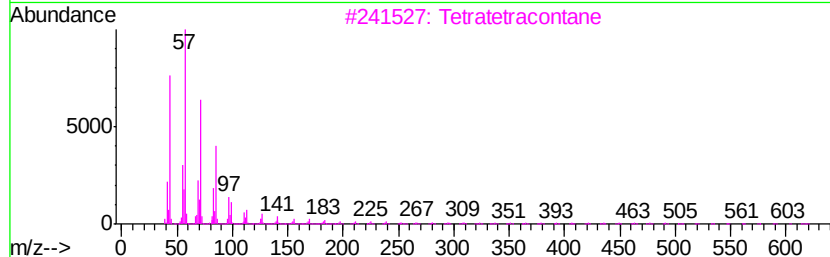
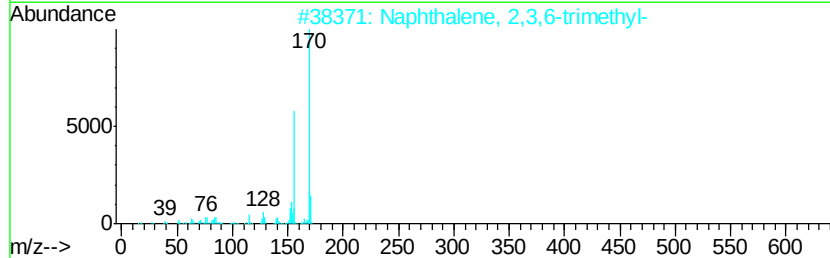
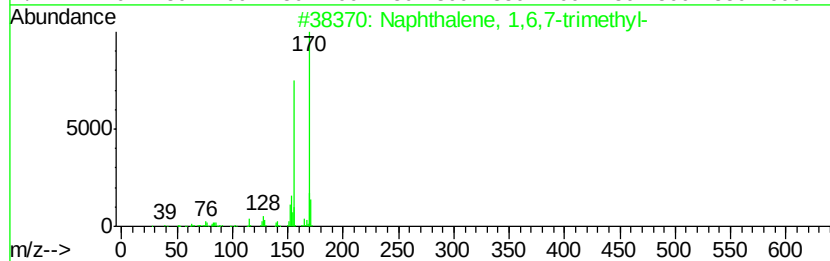
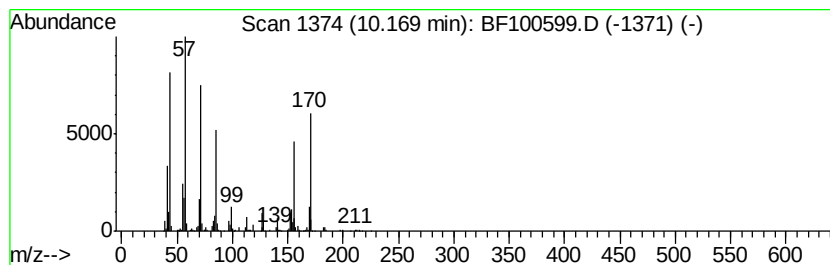
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown10.17 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	13.20 ng	971244	Acenaphthene-d10	9.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	46
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	46
3		Tetratetracontane	619	C44H90	007098-22-8	46
4		Tetradecane	198	C14H30	000629-59-4	46
5		Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111517\
Data File : BF100599.D
Acq On : 15 Nov 2017 20:14
Operator : SJ/JU
Sample : I6448-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EPE-120-2(25-27)

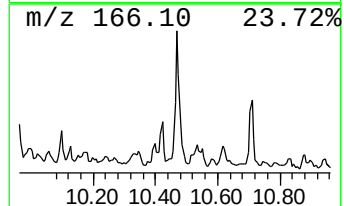
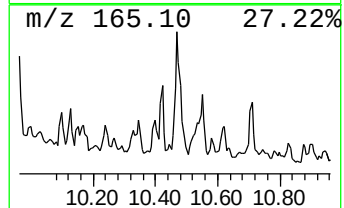
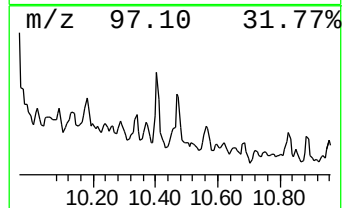
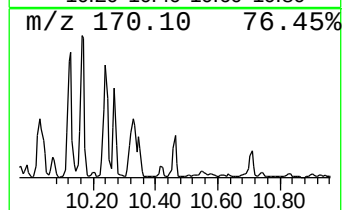
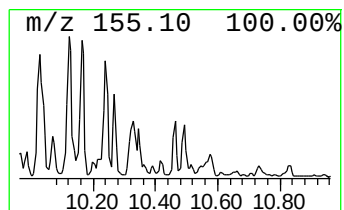
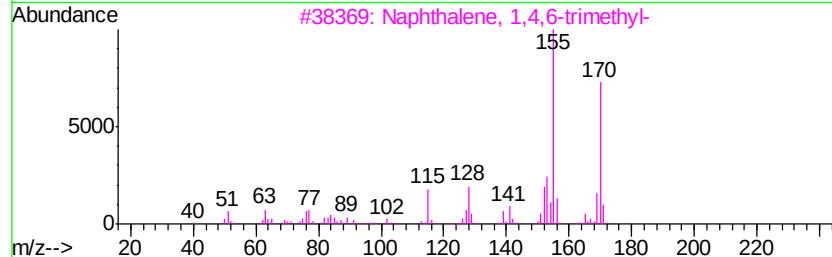
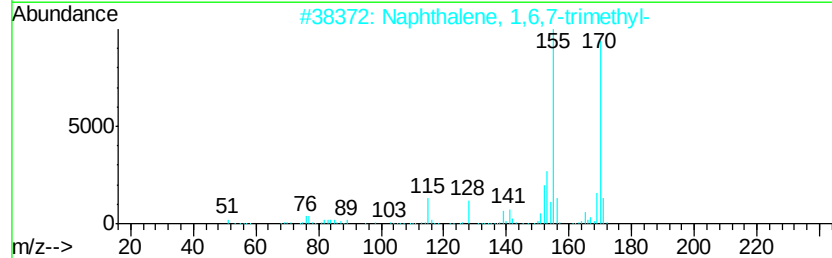
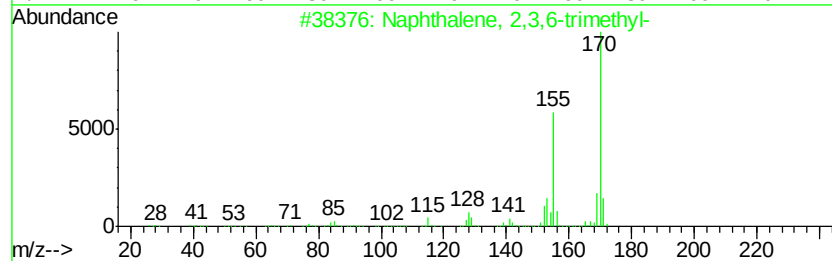
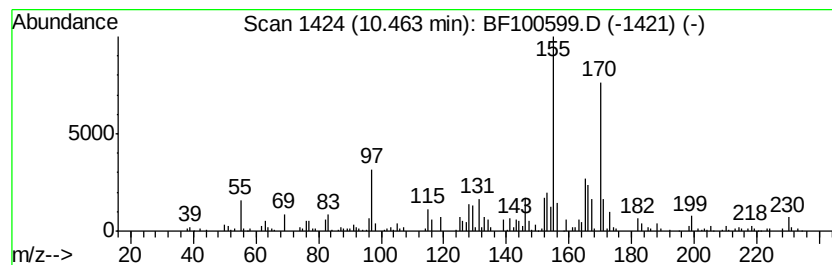
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Naphthalene, 2,3,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.46	11.98 ng	880967	Acenaphthene-d10	9.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	86
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	86
4		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	55
5		Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111517\
Data File : BF100599.D
Acq On : 15 Nov 2017 20:14
Operator : SJ/JU
Sample : I6448-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

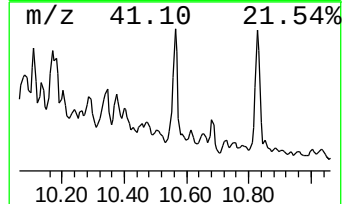
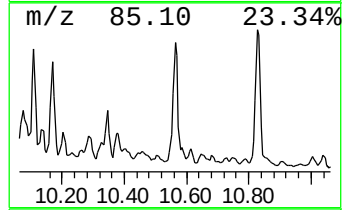
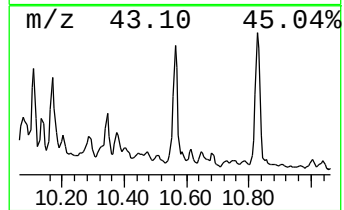
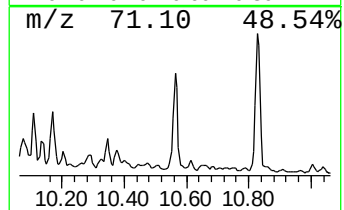
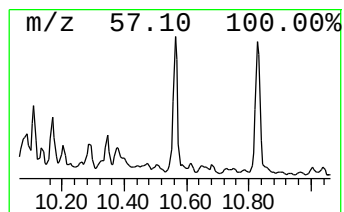
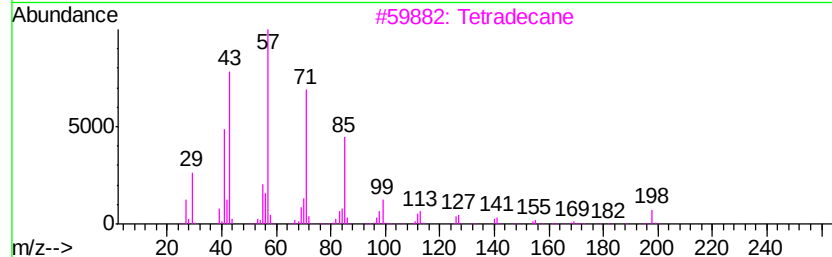
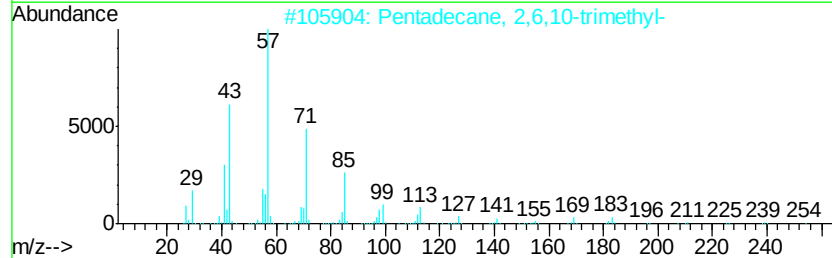
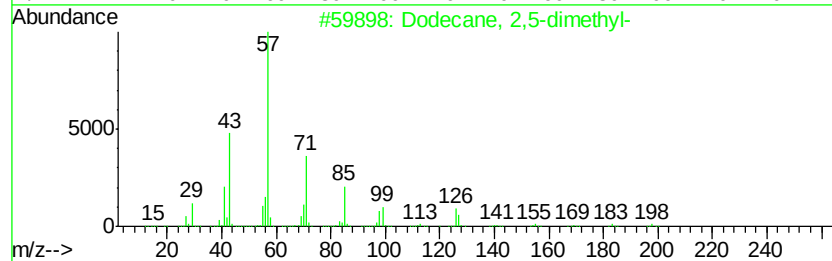
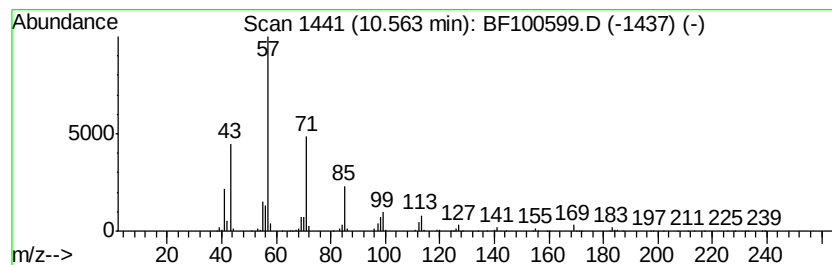
Instrument :
BNA_F
ClientSampleId :
EPE-120-2(25-27)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Dodecane, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.56	23.03 ng	1693830	Acenaphthene-d10	9.93	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	90
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	83
3	Tetradecane	198	C14H30	000629-59-4	83
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	83
5	Tridecane, 3-methyl-	198	C14H30	006418-41-3	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111517\
Data File : BF100599.D
Acq On : 15 Nov 2017 20:14
Operator : SJ/JU
Sample : I6448-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EPE-120-2(25-27)

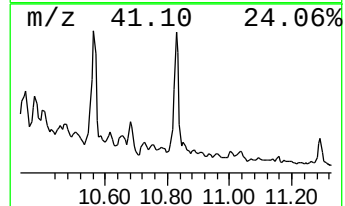
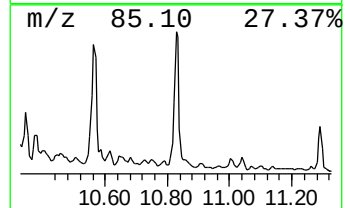
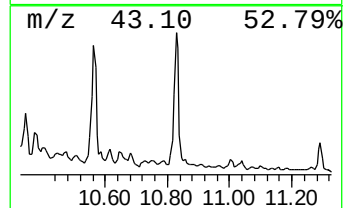
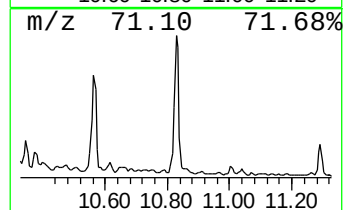
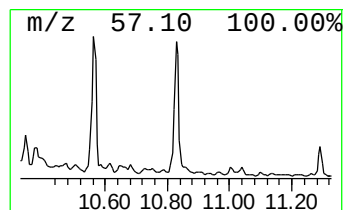
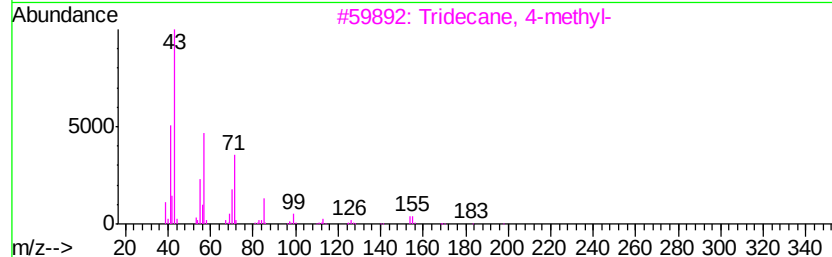
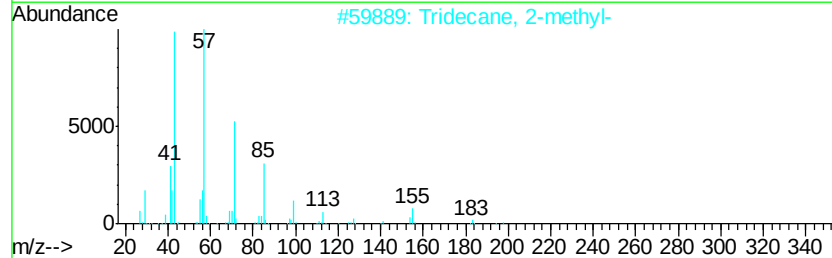
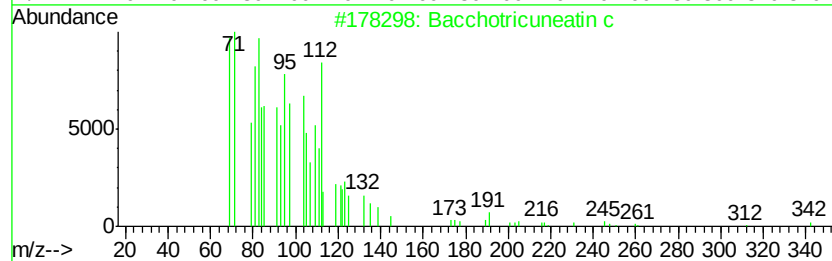
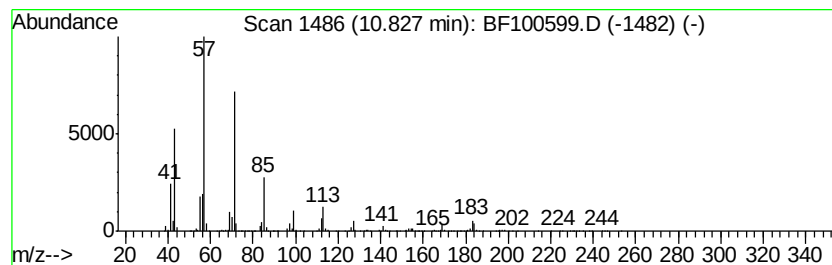
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Bacchotricuneatin c Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	48.88 ng	1669630	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	90
2		Tridecane, 2-methyl-	198	C14H30	001560-96-9	80
3		Tridecane, 4-methyl-	198	C14H30	026730-12-1	74
4		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	64
5		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111517\
 Data File : BF100599.D
 Acq On : 15 Nov 2017 20:14
 Operator : SJ/JU
 Sample : I6448-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-2(25-27)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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
Octane, 2,6-dimet...	6.14	18.8	ng	4518120	1	6.89	4803490	20.0
Cyclohexane, 1,1,...	6.42	13.3	ng	3201970	1	6.89	4803490	20.0
unknown6.66	6.66	30.5	ng	7330150	1	6.89	4803490	20.0
Cyclohexane, butyl-	7.04	17.7	ng	4244450	1	6.89	4803490	20.0
Naphthalene, deca...	7.29	15.7	ng	3757660	1	6.89	4803490	20.0
unknown7.53	7.53	14.5	ng	3368460	2	8.17	4650320	20.0
Decane, 3,8-dimet...	7.60	16.9	ng	3920300	2	8.17	4650320	20.0
Naphthalene, deca...	7.82	12.0	ng	2785640	2	8.17	4650320	20.0
Octane, 2,3,6-tri...	8.60	17.9	ng	4168570	2	8.17	4650320	20.0
Heptylcyclohexane	9.08	21.2	ng	1559020	3	9.93	1471150	20.0
Undecane, 2,10-di...	9.13	19.7	ng	1447990	3	9.93	1471150	20.0
Dodecane, 2,7,10-...	9.20	48.8	ng	3590440	3	9.93	1471150	20.0
unknown9.33	9.33	51.1	ng	3762560	3	9.93	1471150	20.0
Tridecane	9.37	13.9	ng	1022800	3	9.93	1471150	20.0
Cetene	9.80	12.2	ng	895930	3	9.93	1471150	20.0
unknown9.85	9.85	20.0	ng	1471150	3	9.93	1471150	20.0
unknown10.17	10.17	13.2	ng	971244	3	9.93	1471150	20.0
Naphthalene, 2,3,...	10.46	12.0	ng	880967	3	9.93	1471150	20.0
Dodecane, 2,5-dim...	10.56	23.0	ng	1693830	3	9.93	1471150	20.0
Bacchotricuneatin c	10.83	48.9	ng	1669630	4	11.40	683169	20.0