

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092517\
 Data File : BF098798.D
 Acq On : 25 Sep 2017 22:30
 Operator : SJ/JU
 Sample : I5368-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 F1123

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

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

Peak separation: 5

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

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.216	17	22	30	rVB	258408	363081	7.18%	0.311%
2	4.404	386	394	397	rBV	371043	449993	8.90%	0.386%
3	4.845	464	469	473	rBV	190193	220340	4.36%	0.189%
4	5.133	514	518	521	rVV2	442476	599329	11.85%	0.514%
5	5.163	521	523	526	rVV	344418	320542	6.34%	0.275%
6	5.263	534	540	544	rVV	407715	438121	8.66%	0.375%
7	5.339	548	553	555	rBV2	189560	226337	4.48%	0.194%
8	5.369	555	558	562	rVB2	204550	218902	4.33%	0.188%
9	5.533	579	586	592	rVB	2049725	2298794	45.46%	1.970%
10	5.616	598	600	603	rVB	357669	265079	5.24%	0.227%
11	5.692	610	613	615	rBV	283420	325992	6.45%	0.279%
12	5.775	623	627	630	rBV3	142269	233542	4.62%	0.200%
13	5.880	641	645	647	rBV	1262002	1115229	22.05%	0.956%
14	5.951	654	657	660	rVB3	196760	254029	5.02%	0.218%
15	6.080	669	679	681	rBV5	403941	740827	14.65%	0.635%
16	6.163	688	693	697	rBV2	814641	1075420	21.27%	0.922%
17	6.216	700	702	705	rVB	385644	300541	5.94%	0.258%
18	6.251	705	708	709	rBV2	215072	262556	5.19%	0.225%
19	6.269	709	711	715	rVB2	841490	918317	18.16%	0.787%
20	6.351	721	725	728	rVB3	387392	529376	10.47%	0.454%
21	6.404	728	734	737	rBV4	243595	472647	9.35%	0.405%
22	6.451	737	742	746	rBV4	631610	1203240	23.79%	1.031%
23	6.551	752	759	763	rBV3	1088203	2104043	41.61%	1.803%
24	6.592	763	766	768	rVB2	1003256	980479	19.39%	0.840%
25	6.686	773	782	789	rVB	3171091	5056835	100.00%	4.334%
26	6.745	789	792	795	rBV3	492920	733215	14.50%	0.628%
27	6.775	795	797	799	rVV	265864	210737	4.17%	0.181%
28	6.798	799	801	804	rVB2	309507	250839	4.96%	0.215%
29	6.851	804	810	813	rBV5	440575	811561	16.05%	0.695%
30	6.880	813	815	816	rVV2	276007	225666	4.46%	0.193%
31	6.922	816	822	825	rVB2	1667168	2410245	47.66%	2.066%
32	6.975	825	831	833	rBV3	356536	480921	9.51%	0.412%
33	7.004	833	836	838	rBV2	760195	898804	17.77%	0.770%
34	7.027	838	840	841	rVV	534752	457596	9.05%	0.392%

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

35	7.075	843	848	851	rVV3	3312271	4669406	92.34%	4.002%
36	7.139	857	859	862	rVB4	402778	323156	6.39%	0.277%
37	7.186	862	867	871	rVB3	1136917	1356104	26.82%	1.162%
38	7.257	874	879	881	rBV3	627325	1043432	20.63%	0.894%
39	7.310	885	888	891	rBV4	771528	769631	15.22%	0.660%
40	7.339	891	893	897	rVB4	308329	341719	6.76%	0.293%
41	7.398	900	903	905	rVB4	260709	284486	5.63%	0.244%
42	7.457	906	913	915	rBV3	1576949	2943188	58.20%	2.522%
43	7.480	915	917	924	rVV2	2193893	2807217	55.51%	2.406%
44	7.563	925	931	934	rVB4	1019785	2003680	39.62%	1.717%
45	7.604	934	938	943	rBV4	976370	1889850	37.37%	1.620%
46	7.663	943	948	950	rBV4	480887	685671	13.56%	0.588%
47	7.692	950	953	956	rBV3	915786	983011	19.44%	0.842%
48	7.727	956	959	960	rVV3	775867	750520	14.84%	0.643%
49	7.745	960	962	967	rVB2	827635	898839	17.77%	0.770%
50	7.792	967	970	972	rBV3	798409	972264	19.23%	0.833%
51	7.816	972	974	976	rVV	666787	501025	9.91%	0.429%
52	7.839	976	978	987	rVB8	1227044	1717705	33.97%	1.472%
53	8.016	1004	1008	1010	rBV3	615913	862785	17.06%	0.739%
54	8.069	1014	1017	1020	rBV2	925374	1056292	20.89%	0.905%
55	8.104	1020	1023	1024	rBV3	429024	426619	8.44%	0.366%
56	8.145	1025	1030	1033	rBV4	1081036	1896399	37.50%	1.625%
57	8.204	1038	1040	1042	rVV	1398768	1442129	28.52%	1.236%
58	8.257	1045	1049	1052	rVB2	2890237	3342406	66.10%	2.864%
59	8.286	1052	1054	1057	rBV3	1051439	1169775	23.13%	1.002%
60	8.351	1062	1065	1067	rBV3	1031939	991722	19.61%	0.850%
61	8.380	1067	1070	1071	rBV2	450128	421036	8.33%	0.361%
62	8.492	1085	1089	1093	rVB4	1373374	1748276	34.57%	1.498%
63	8.545	1096	1098	1101	rBV3	483530	439694	8.70%	0.377%
64	8.621	1107	1111	1113	rBV	3471077	4082434	80.73%	3.499%
65	8.710	1123	1126	1128	rBV3	513105	517728	10.24%	0.444%
66	8.745	1129	1132	1134	rVV3	729284	829369	16.40%	0.711%
67	8.792	1138	1140	1143	rVV3	718477	652731	12.91%	0.559%
68	8.886	1153	1156	1160	rVB4	1688156	2130294	42.13%	1.826%
69	8.951	1164	1167	1169	rBV3	765365	657389	13.00%	0.563%
70	8.980	1169	1172	1175	rBV4	826865	1142040	22.58%	0.979%
71	9.086	1186	1190	1191	rBV3	1227290	1437017	28.42%	1.231%

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72	9.110	1192	1194	1197	rVB	1392515	1316675	26.04%	1.128%
73	9.221	1210	1213	1218	rVB	2910110	3422003	67.67%	2.933%
74	9.280	1219	1223	1226	rVV	2615003	2801554	55.40%	2.401%
75	9.363	1235	1237	1241	rVB3	997498	809385	16.01%	0.694%
76	9.398	1241	1243	1247	rBV4	779829	832379	16.46%	0.713%
77	9.680	1286	1291	1293	rBV3	3227695	3999357	79.09%	3.427%
78	9.827	1314	1316	1318	rVB	763218	584662	11.56%	0.501%
79	10.139	1367	1369	1371	rBV	497933	444872	8.80%	0.381%
80	10.204	1377	1380	1388	rVB5	876574	1620377	32.04%	1.389%
81	10.274	1389	1392	1394	rBV	738862	673270	13.31%	0.577%
82	10.598	1444	1447	1452	rVB	1700844	1819255	35.98%	1.559%
83	10.763	1470	1475	1482	rVB2	1843029	2802032	55.41%	2.401%
84	10.821	1482	1485	1488	rBV3	358635	541739	10.71%	0.464%
85	10.863	1489	1492	1496	rVV	2202866	2239149	44.28%	1.919%
86	11.327	1568	1571	1577	rVB	982099	987709	19.53%	0.846%
87	11.445	1587	1591	1596	rBV	1516826	1403577	27.76%	1.203%
88	11.674	1628	1630	1636	rVB2	319693	330578	6.54%	0.283%
89	11.974	1677	1681	1691	rVB	2017393	2399046	47.44%	2.056%
90	12.233	1722	1725	1728	rVB3	261574	277832	5.49%	0.238%
91	12.298	1733	1736	1739	rVB	445923	437168	8.65%	0.375%
92	12.386	1748	1751	1753	rVB	298938	249863	4.94%	0.214%
93	12.668	1797	1799	1801	rVV	539961	553499	10.95%	0.474%
94	12.692	1801	1803	1809	rVV2	368987	379233	7.50%	0.325%
95	12.751	1809	1813	1820	rVB	1044622	1049350	20.75%	0.899%
96	12.909	1837	1840	1843	rVB	1034606	856232	16.93%	0.734%
97	13.027	1855	1860	1863	rBV	3731002	4130420	81.68%	3.540%
98	14.080	2035	2039	2042	rVB	1029589	982716	19.43%	0.842%
99	15.568	2287	2292	2299	rVB	614161	804406	15.91%	0.689%
100	17.244	2571	2577	2589	rBV3	142084	301297	5.96%	0.258%

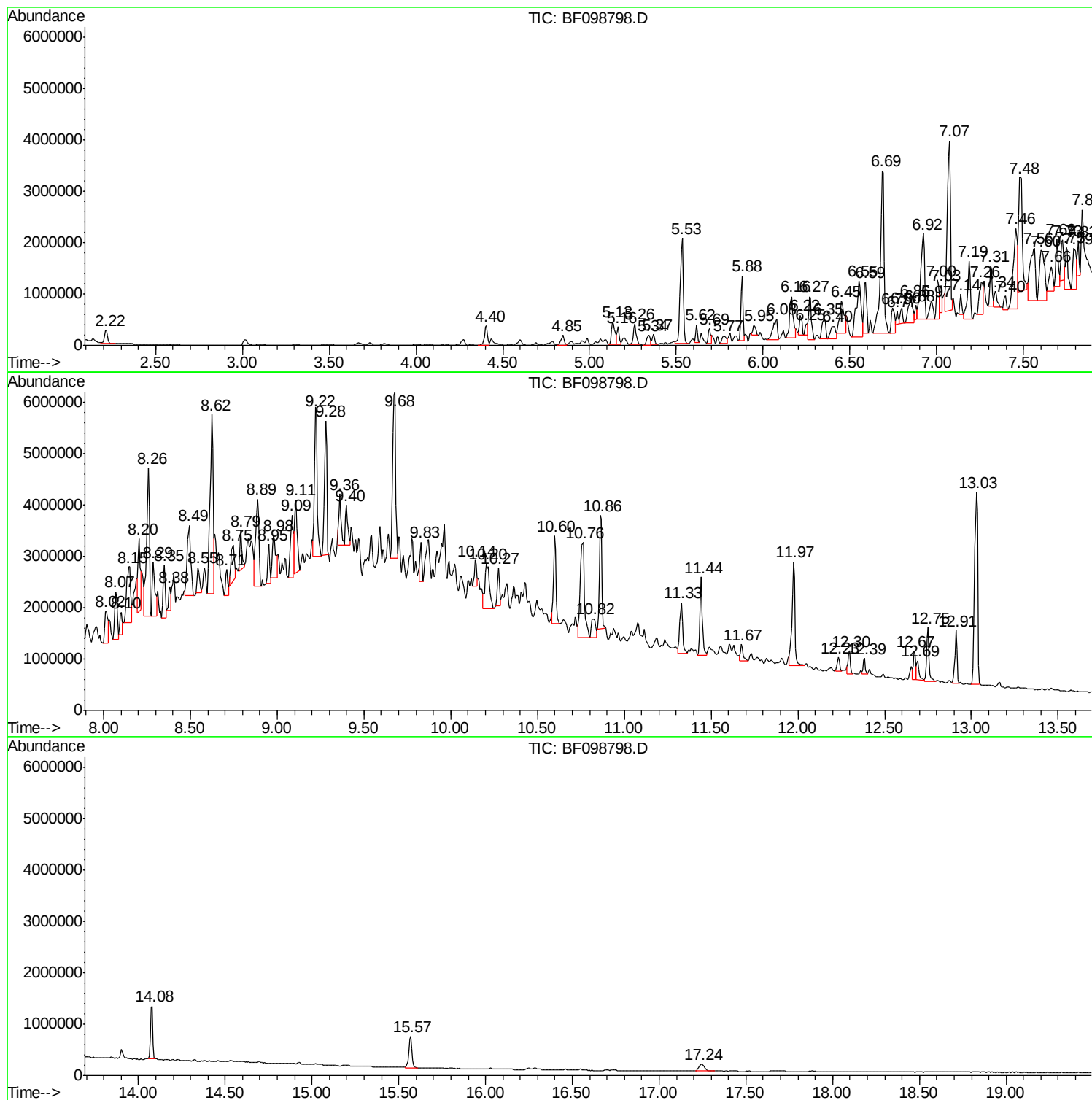
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ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
F1123

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

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



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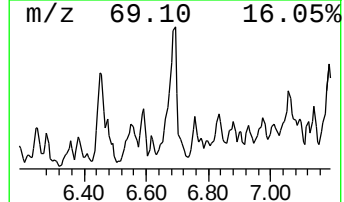
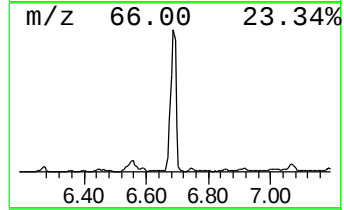
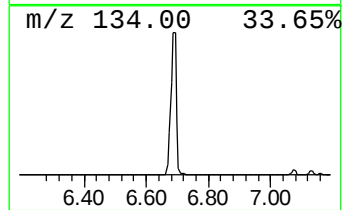
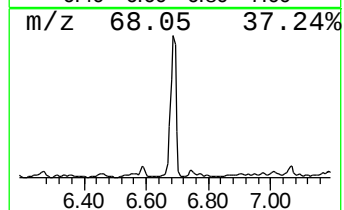
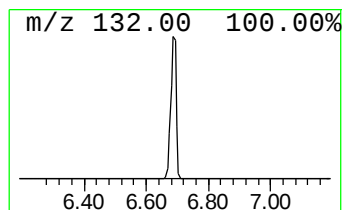
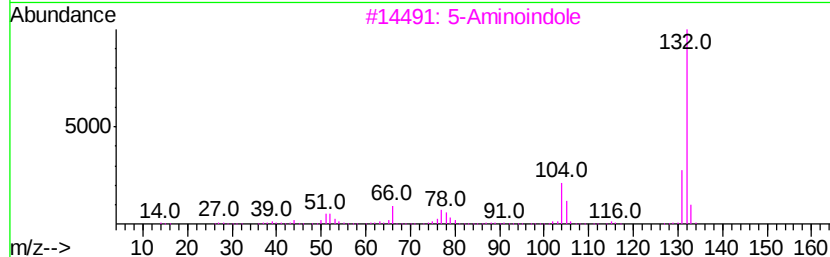
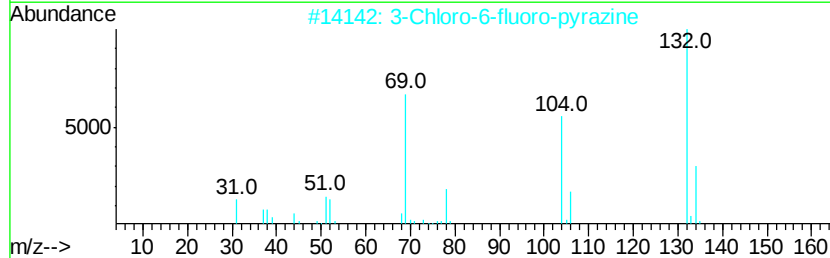
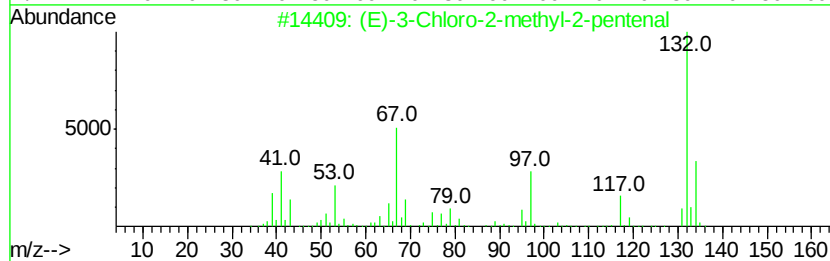
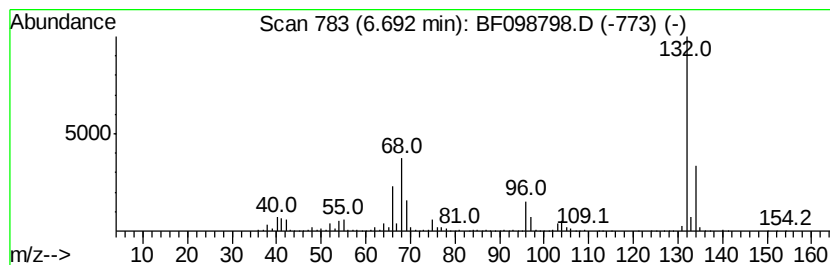
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.69 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	41.96 ng	5056840	1,4-Dichlorobenzene-d4	6.92

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		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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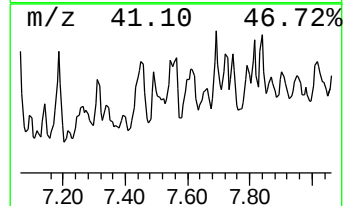
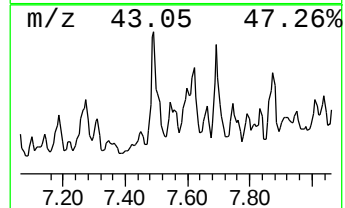
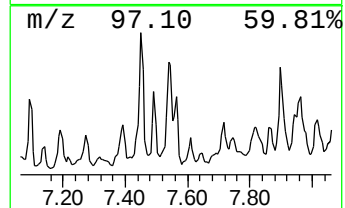
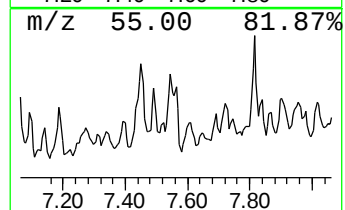
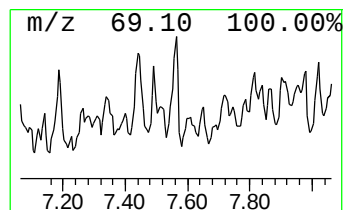
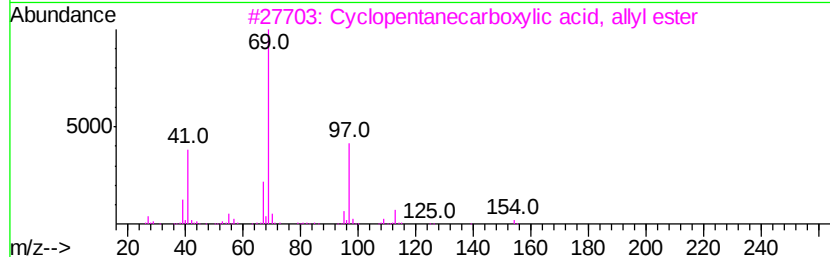
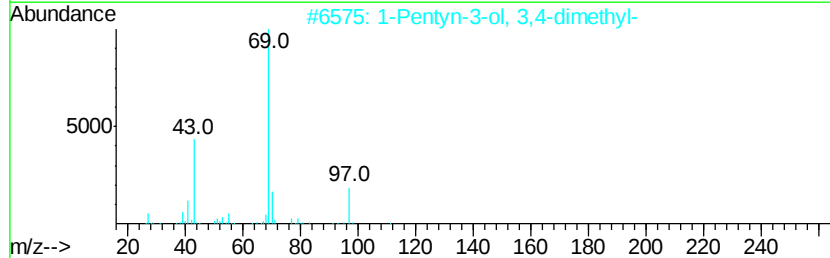
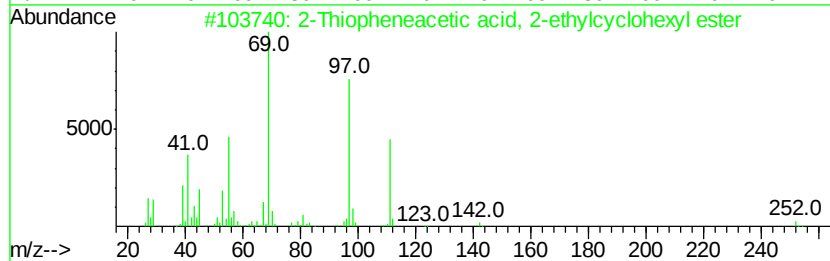
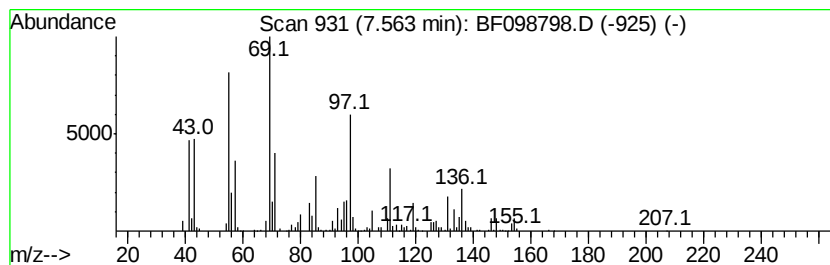
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown7.56 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.56	27.79 ng	2003680	Naphthalene-d8	8.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Thiopheneacetic acid, 2-ethylc...	252	C14H20O2S	1000278-96-1	43
2		1-Pentyn-3-ol, 3,4-dimethyl-	112	C7H12O	001482-15-1	35
3		Cyclopentanecarboxylic acid, all...	154	C9H14O2	178905-33-4	35
4		Cyclohexane, 2-ethyl-1,3-dimethyl-	140	C10H20	007045-67-2	27
5		Cyclooctane, butyl-	168	C12H24	016538-93-5	27



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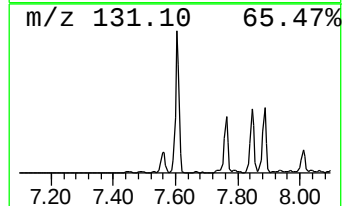
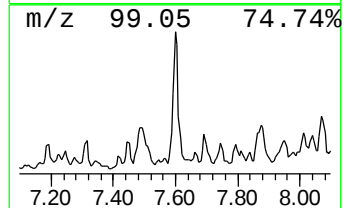
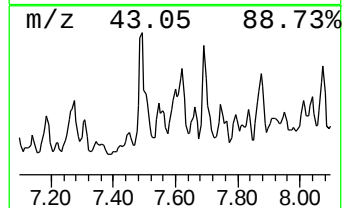
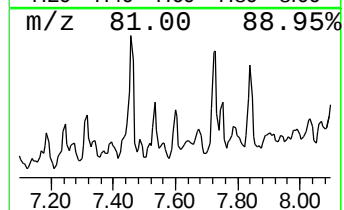
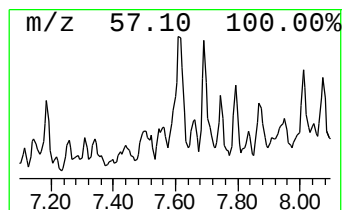
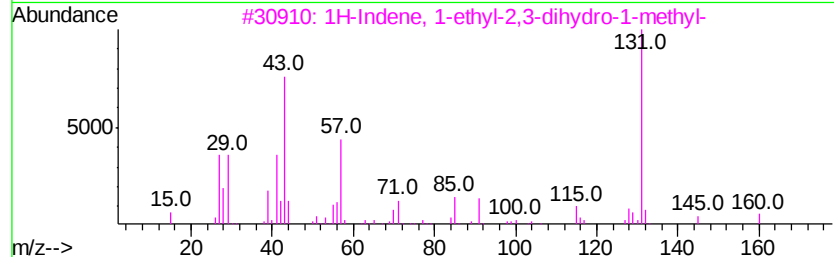
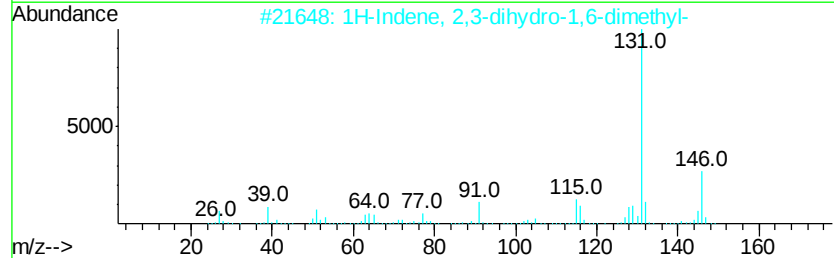
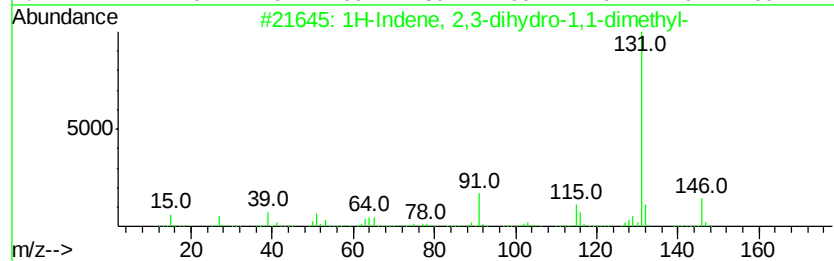
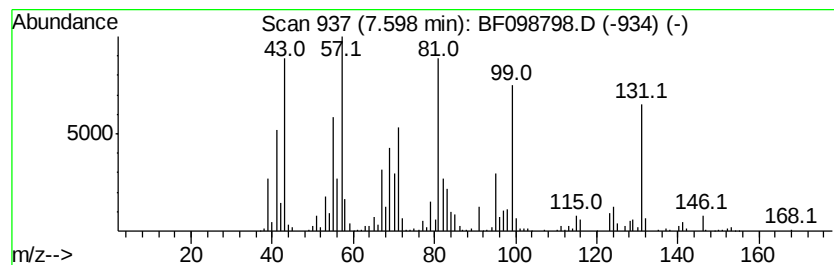
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Peak Number 4 unknown7.60 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	26.21 ng	1889850	Naphthalene-d8	8.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	42
2		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	42
3		1H-Indene, 1-ethyl-2,3-dihydro-1...	160	C12H16	056298-75-0	35
4		Cyclopropane, 1-chloro-1-methyl-...	166	C10H11Cl	1000161-07-9	27
5		Naphthalene, 1-ethyl-1,2,3,4-tet...	160	C12H16	013556-58-6	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092517\
Data File : BF098798.D
Acq On : 25 Sep 2017 22:30
Operator : SJ/JU
Sample : I5368-01
Misc :
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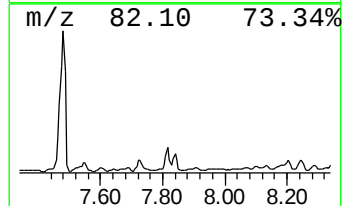
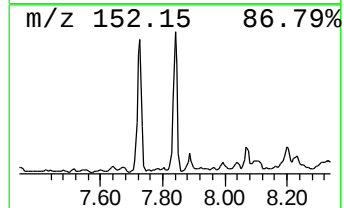
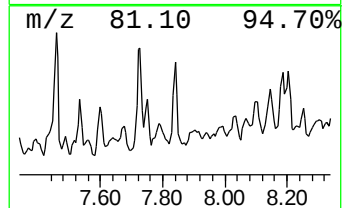
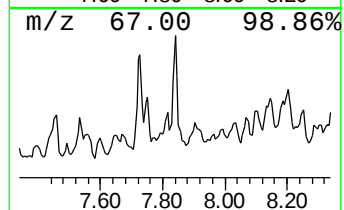
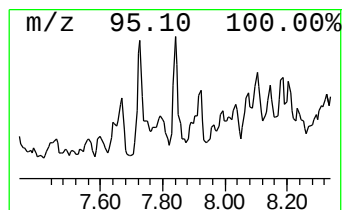
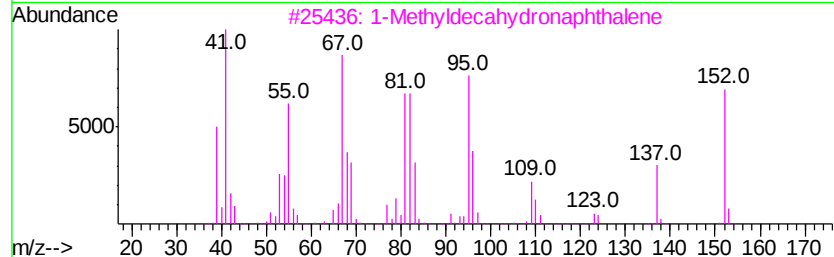
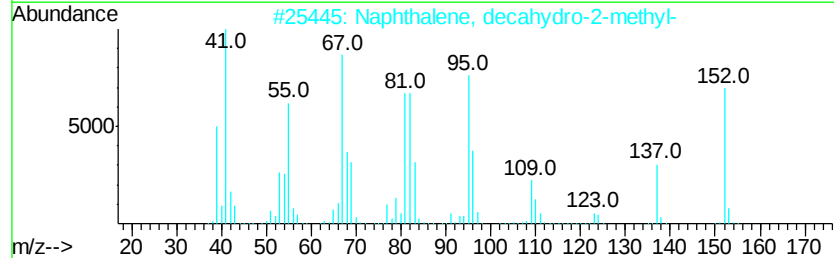
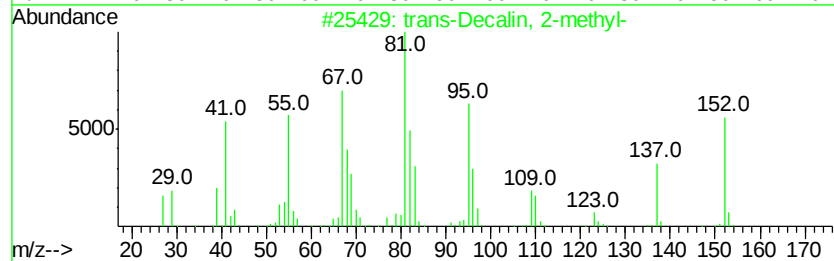
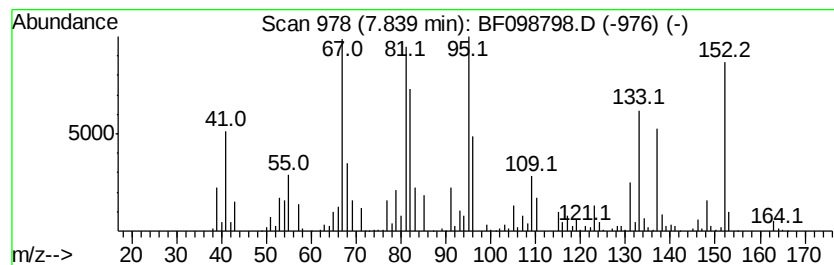
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 trans-Decalin, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.84	23.82 ng	1717710	Naphthalene-d8	8.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	89
2		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	86
3		1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	86
4		4,5-Nonadiene, 2-methyl-	138	C10H18	055956-32-6	70
5		cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	62



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092517\
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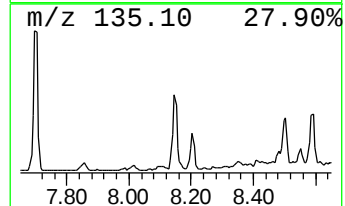
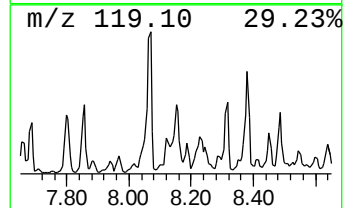
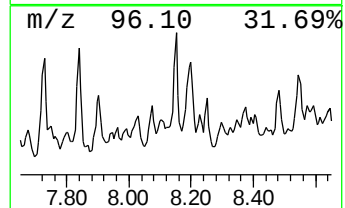
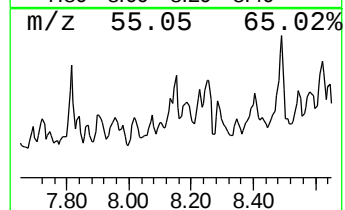
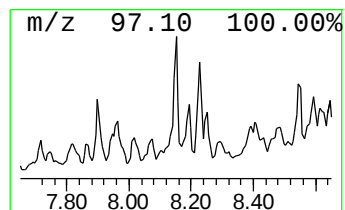
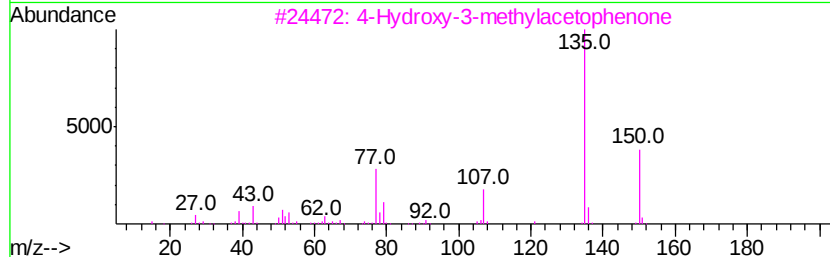
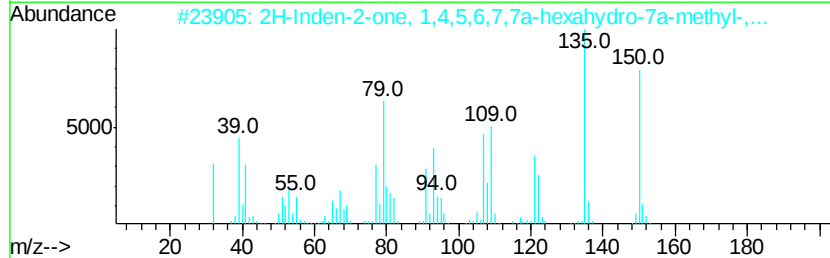
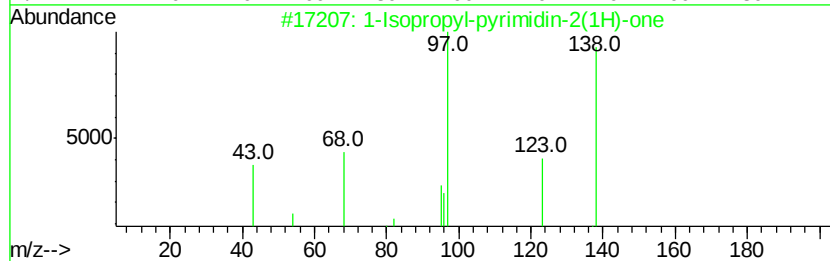
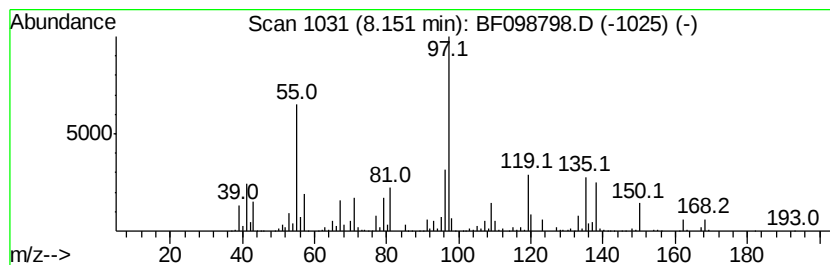
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown8.15 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.15	26.30 ng	1896400	Napthalene-d8	8.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Isopropyl-pyrimidin-2(1H)-one	138	C7H10N2O	003739-86-4	38
2		2H-Inden-2-one, 1,4,5,6,7,7a-hex...	150	C10H14O	054725-16-5	27
3		4-Hydroxy-3-methylacetophenone	150	C9H10O2	000876-02-8	25
4		Trans-1-methyl-2-nonyl-cyclohexane	224	C16H32	1000371-47-8	22
5		Ethanone, 1-(2-hydroxy-5-methylp...	150	C9H10O2	001450-72-2	15



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092517\
Data File : BF098798.D
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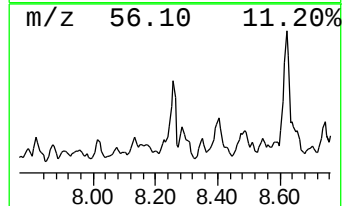
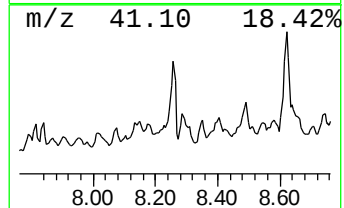
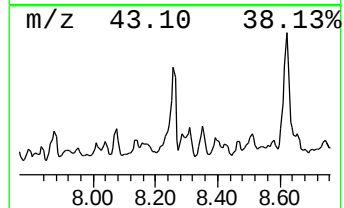
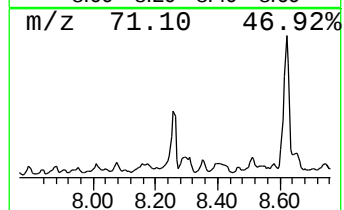
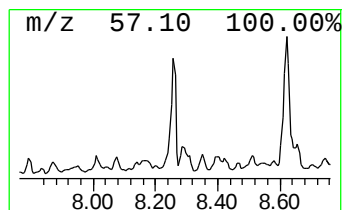
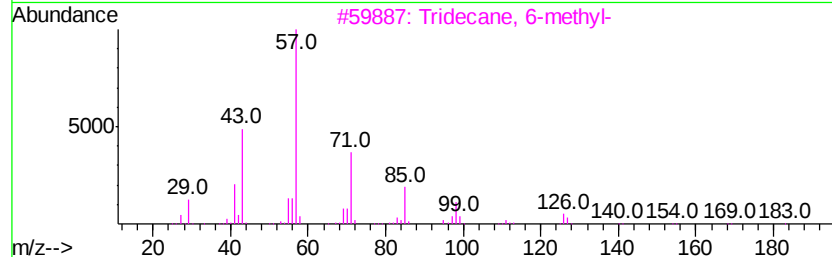
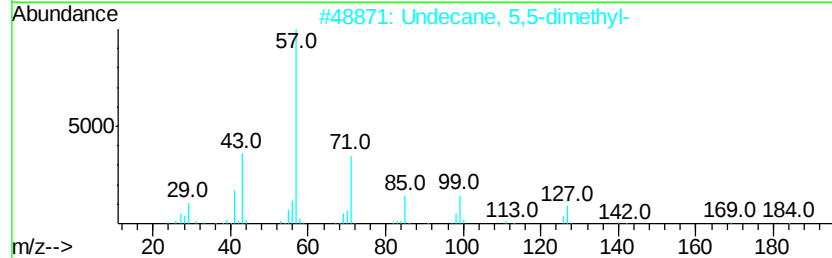
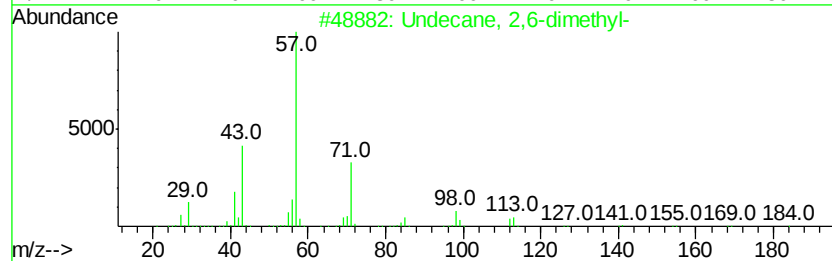
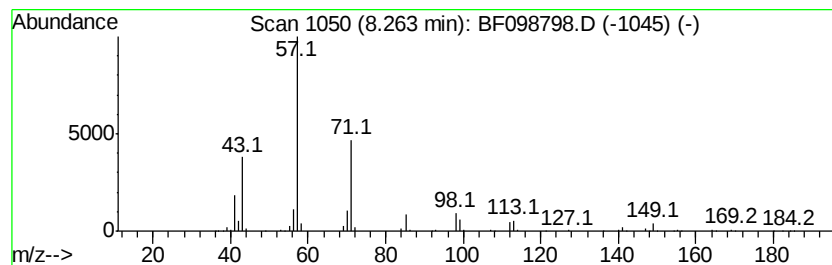
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Undecane, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.26	46.35 ng	3342410	Napthalene-d8	8.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	93
2		Undecane, 5,5-dimethyl-	184	C13H28	017312-73-1	64
3		Tridecane, 6-methyl-	198	C14H30	013287-21-3	64
4		Heptane, 3-(bromomethyl)-	192	C8H17Br	018908-66-2	59
5		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092517\
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ClientSampleId :
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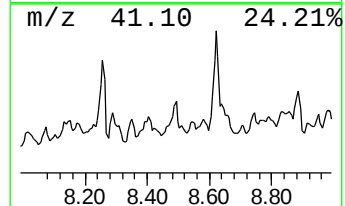
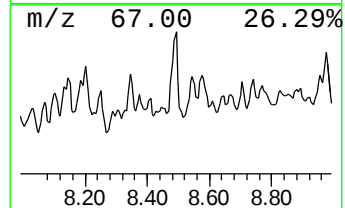
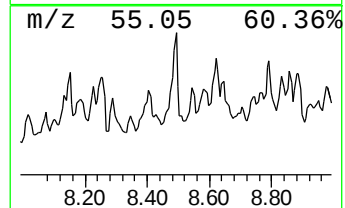
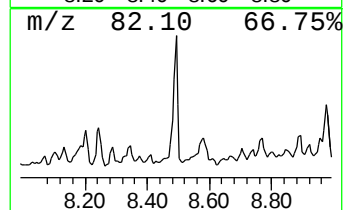
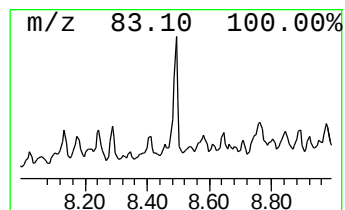
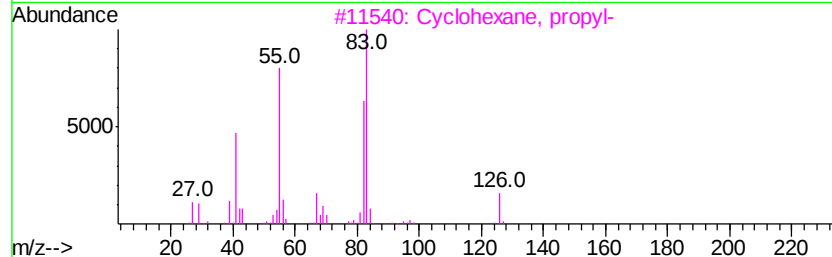
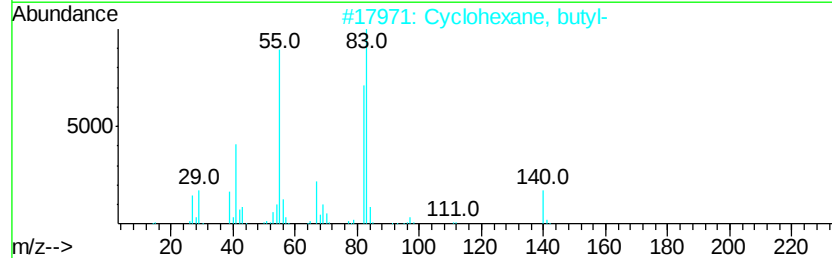
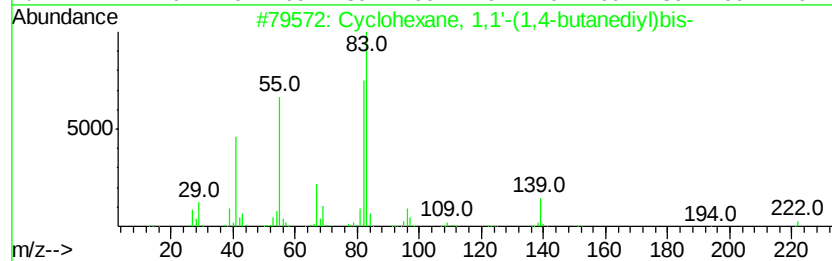
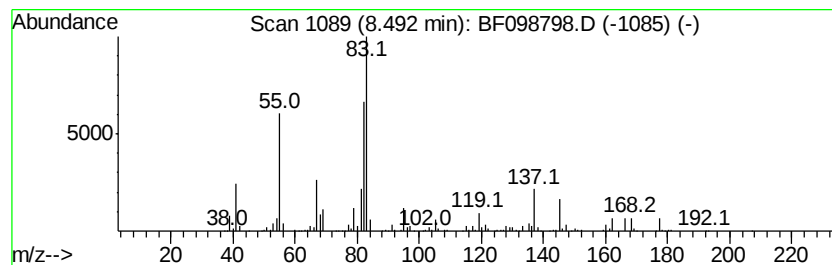
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Cyclohexane, 1,1'-(1,4-buta... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	24.25 ng	1748280	Napthalene-d8	8.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1'-(1,4-butanediol)bis-	222	C16H30	006165-44-2	53
2		Cyclohexane, butyl-	140	C10H20	001678-93-9	50
3		Cyclohexane, propyl-	126	C9H18	001678-92-8	50
4		Cyclohexane, (1-methylpropyl)-	140	C10H20	007058-01-7	50
5		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092517\
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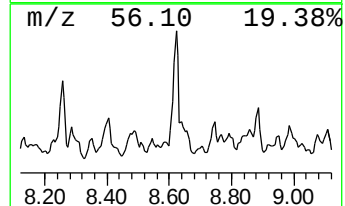
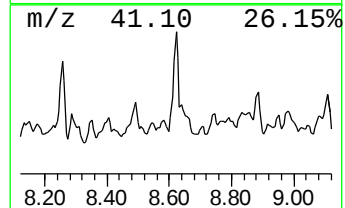
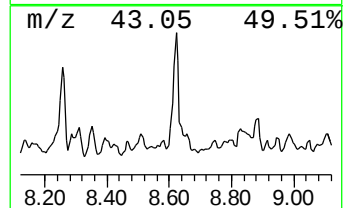
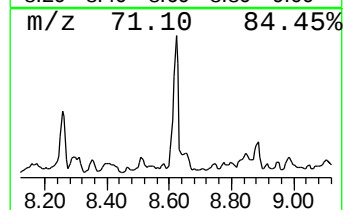
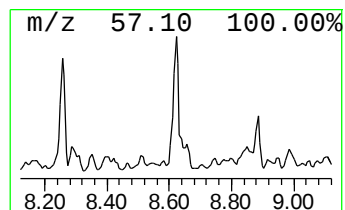
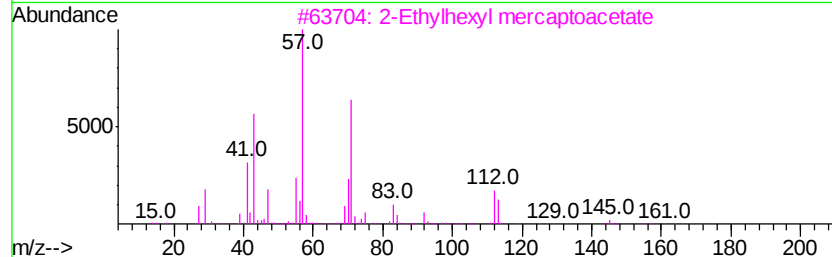
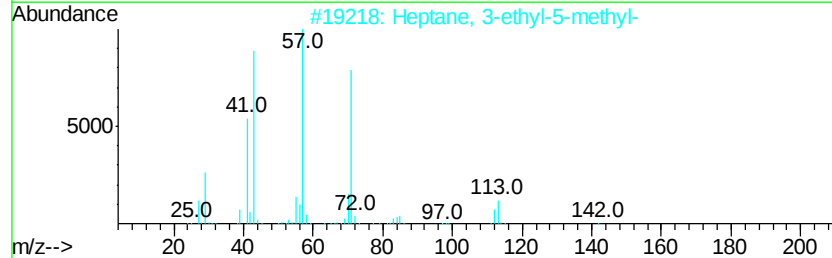
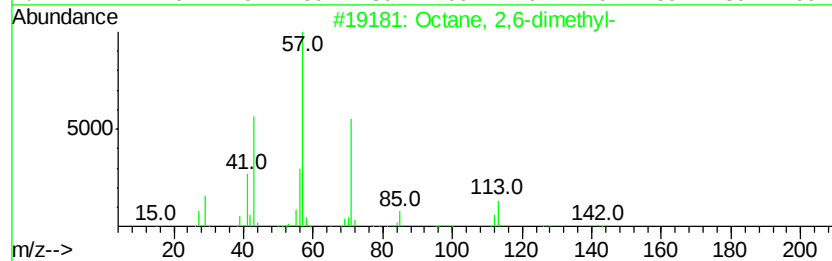
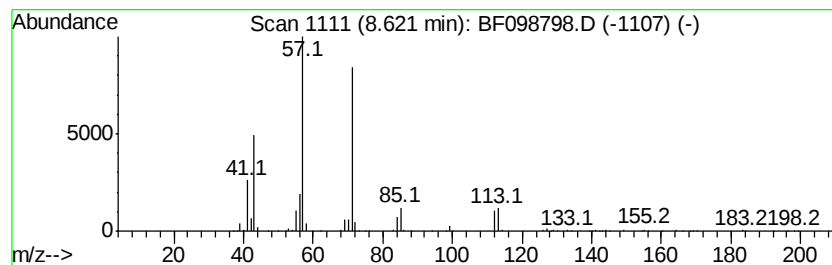
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Octane, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	56.62 ng	4082430	Napthalene-d8	8.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86
2		Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	80
3		2-Ethylhexyl mercaptoacetate	204	C10H20O2S	007659-86-1	72
4		Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	72
5		Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	72



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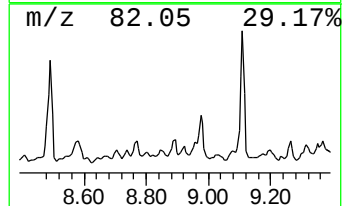
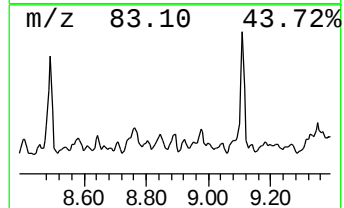
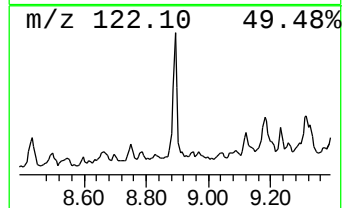
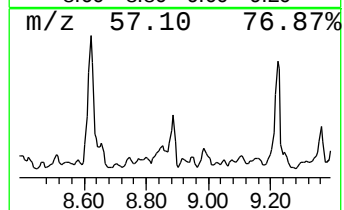
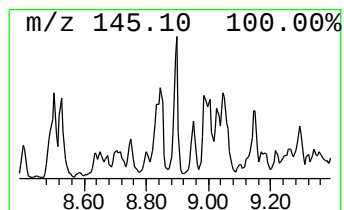
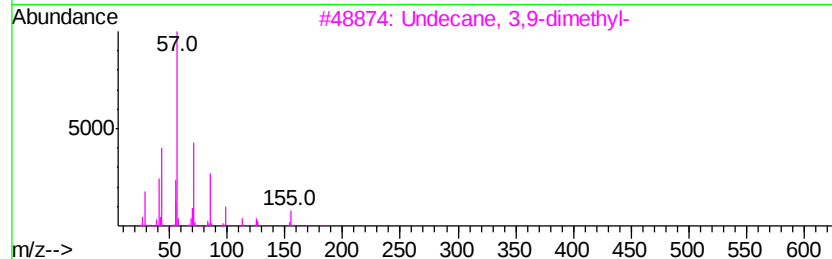
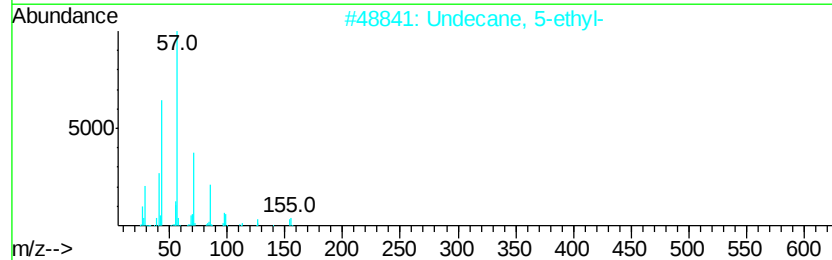
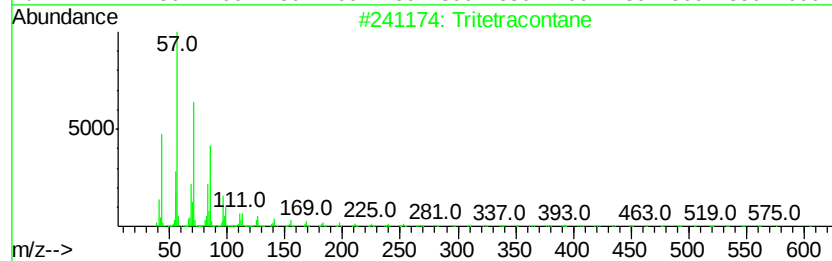
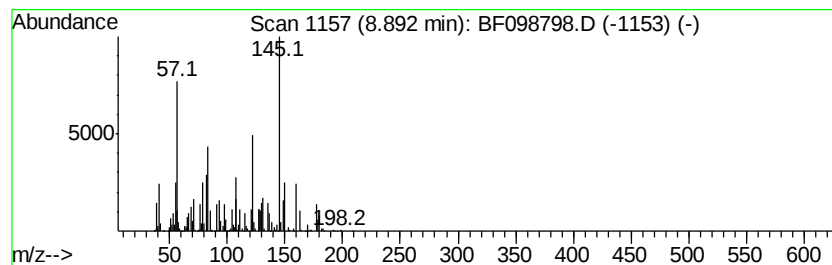
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tritetracontane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.89	29.54 ng	2130290	Naphthalene-d8	8.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tritetracontane	605	C43H88	007098-21-7	50
2		Undecane, 5-ethyl-	184	C13H28	017453-94-0	50
3		Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	47
4		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	47
5		Undecane	156	C11H24	001120-21-4	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
Data File : BF098798.D
Acq On : 25 Sep 2017 22:30
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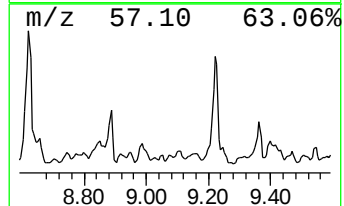
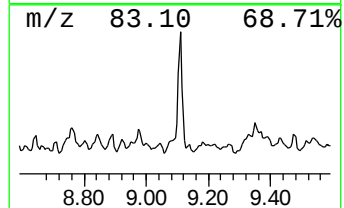
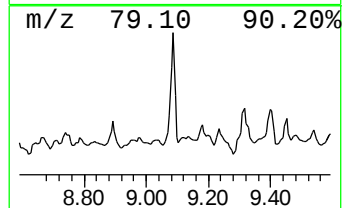
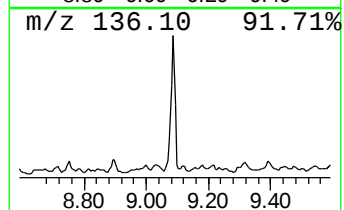
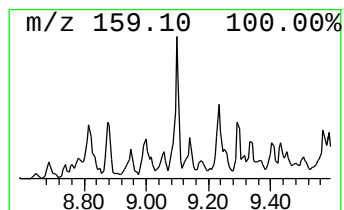
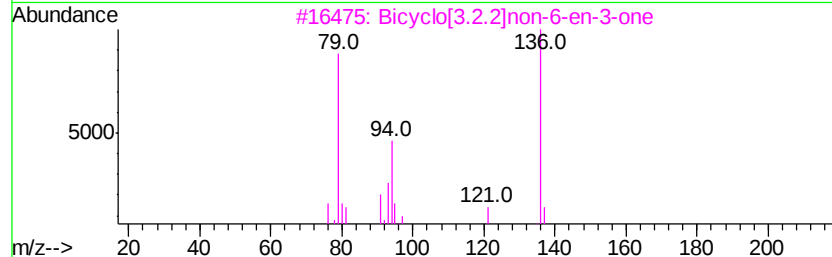
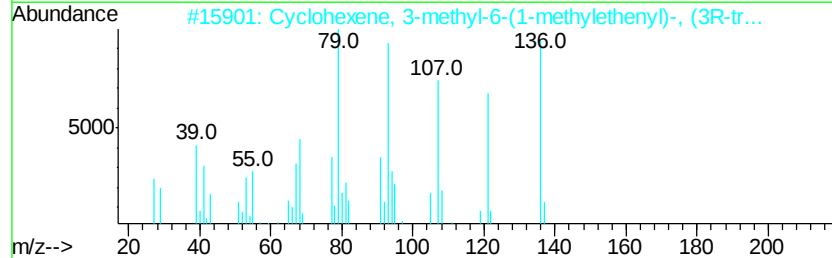
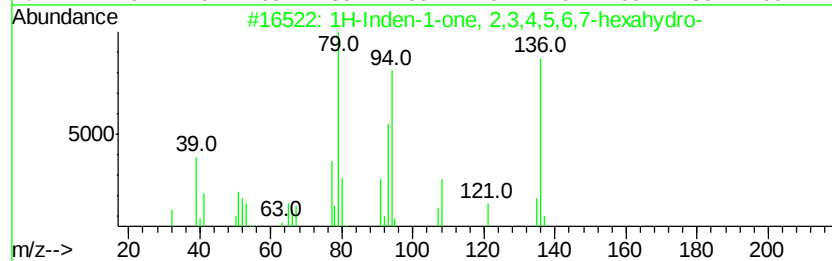
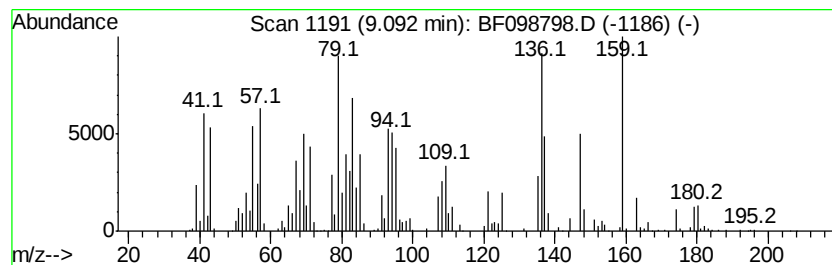
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1H-Inden-1-one, 2,3,4,5,6,7... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	49.16 ng	1437020	Acenaphthene-d10	9.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Inden-1-one, 2,3,4,5,6,7-hexa...	136	C9H12O	022118-00-9	95
2		Cyclohexene, 3-methyl-6-(1-methy...	136	C10H16	005113-87-1	52
3		Bicyclo[3.2.2]non-6-en-3-one	136	C9H12O	1000072-31-7	49
4		Cyclohexene, 5-methyl-3-(1-methy...	136	C10H16	056816-08-1	49
5		Adamantane	136	C10H16	000281-23-2	46



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
Data File : BF098798.D
Acq On : 25 Sep 2017 22:30
Operator : SJ/JU
Sample : I5368-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

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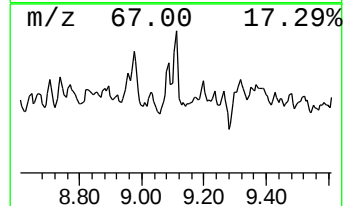
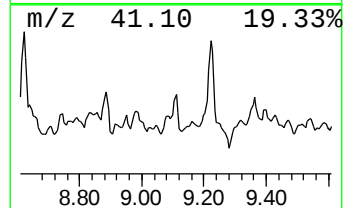
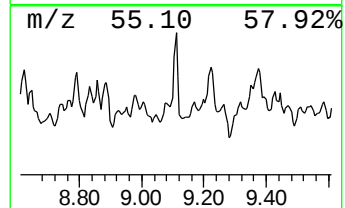
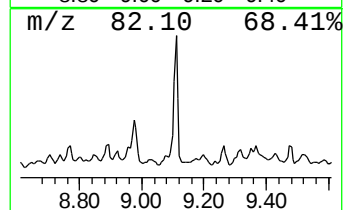
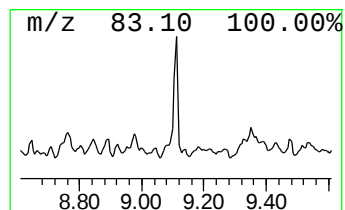
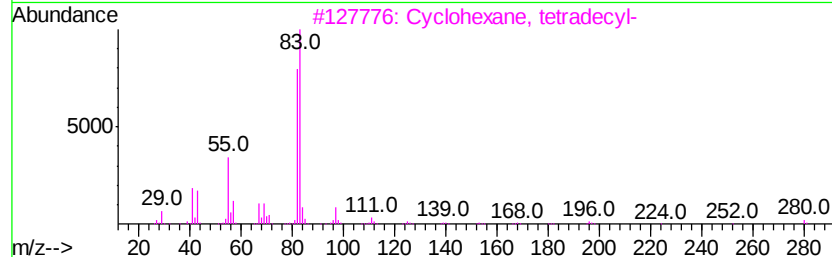
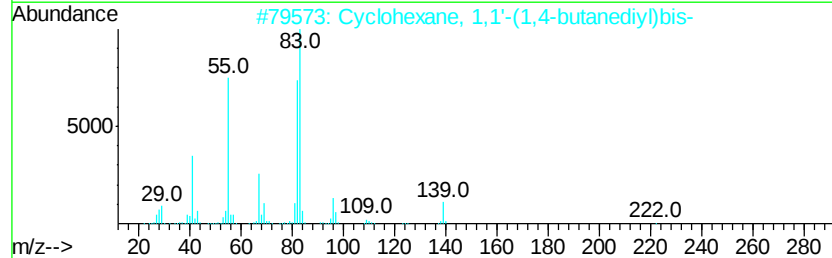
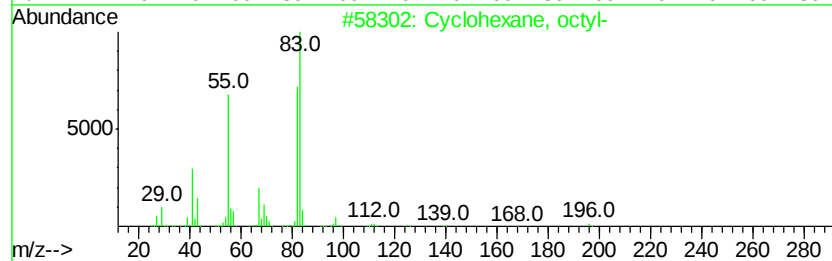
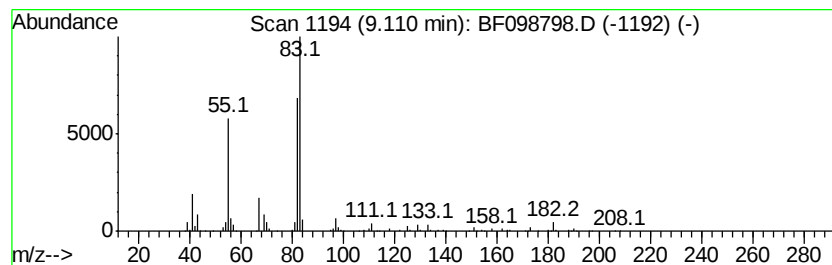
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Cyclohexane, octyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.11	45.04 ng	1316680	Acenaphthene-d10	9.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, octyl-	196	C14H28	001795-15-9	83
2		Cyclohexane, 1,1'-(1,4-butanediyl)-	222	C16H30	006165-44-2	78
3		Cyclohexane, tetradecyl-	280	C20H40	001795-18-2	78
4		Heptylcyclohexane	182	C13H26	005617-41-4	78
5		3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092517\
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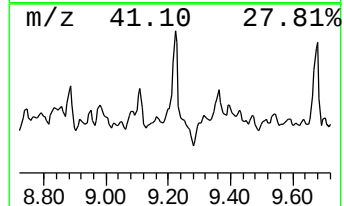
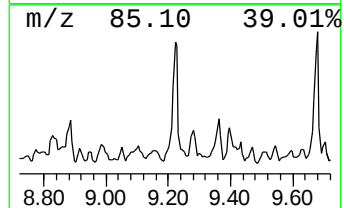
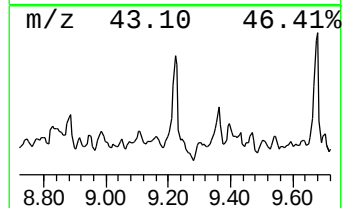
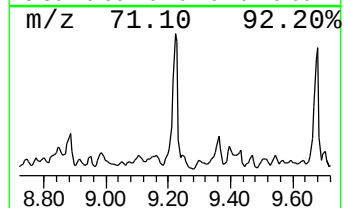
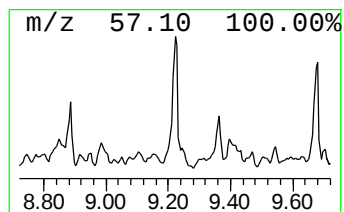
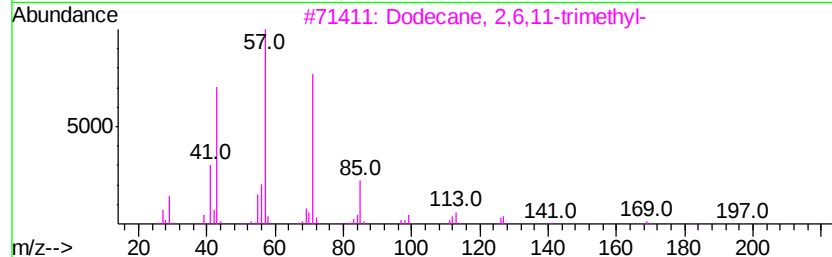
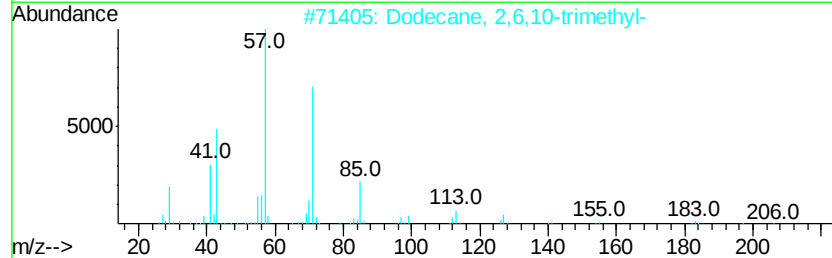
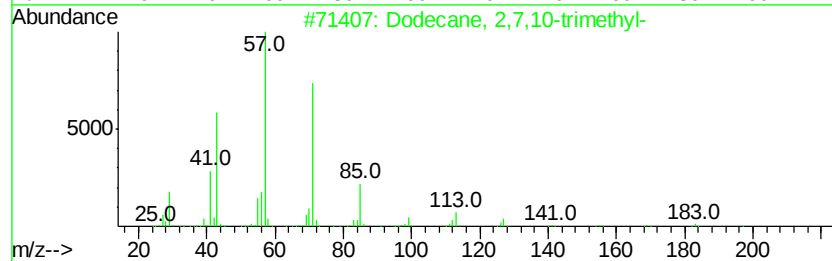
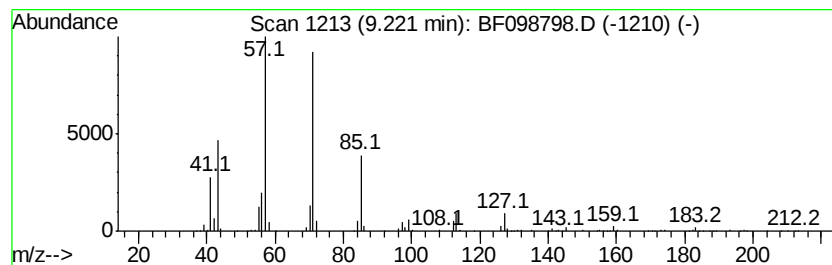
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Dodecane, 2,7,10-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	117.06 ng	3422000	Acenaphthene-d10	9.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
4		Bacchotricuneatin c	342	C20H22O5	066563-30-2	72
5		Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092517\
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Acq On : 25 Sep 2017 22:30
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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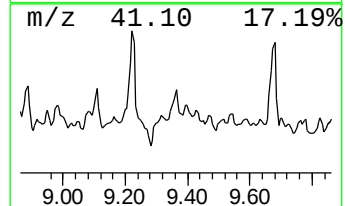
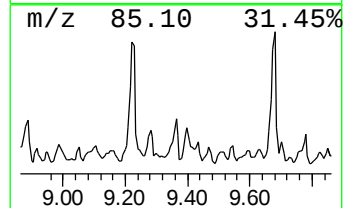
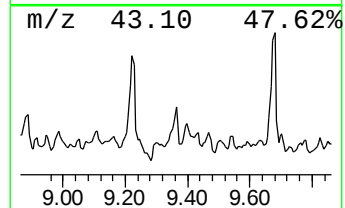
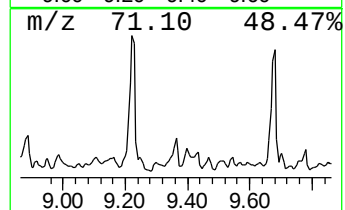
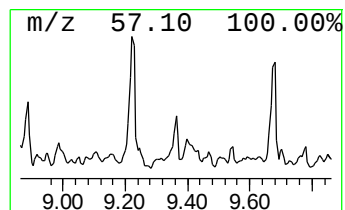
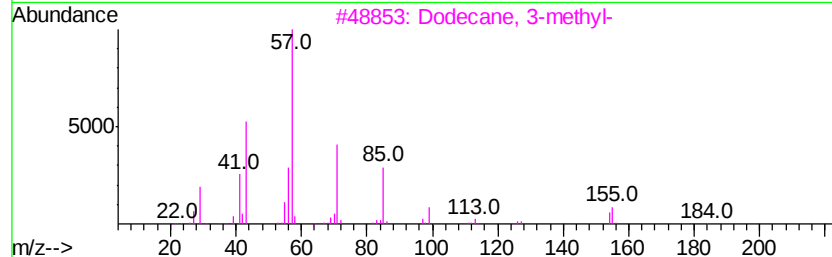
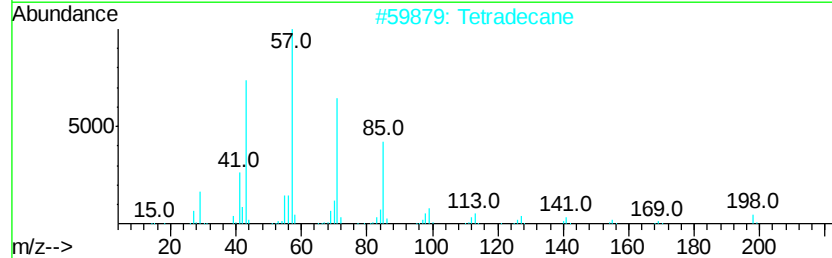
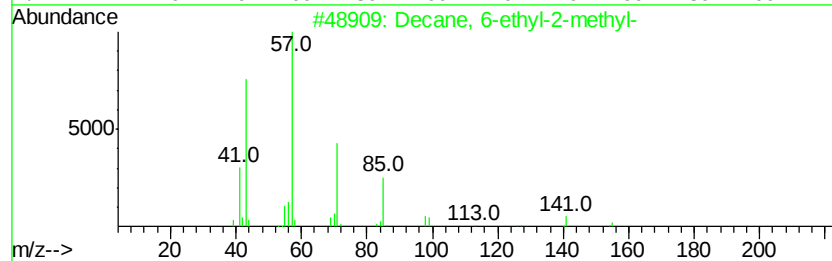
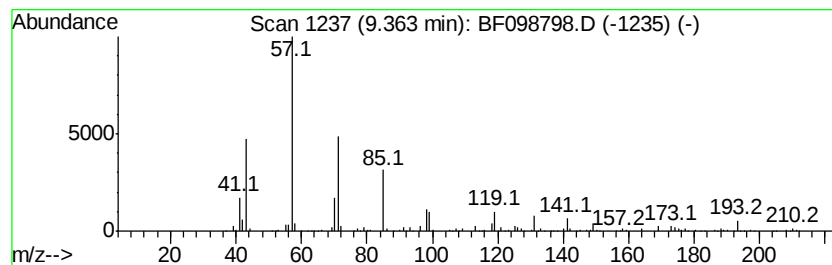
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Decane, 6-ethyl-2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	27.69 ng	809385	Acenaphthene-d10	9.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	64
2		Tetradecane	198	C14H30	000629-59-4	59
3		Dodecane, 3-methyl-	184	C13H28	017312-57-1	53
4		Tridecane, 2,5-dimethyl-	212	C15H32	056292-66-1	53
5		Heptacosane	380	C27H56	000593-49-7	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
Data File : BF098798.D
Acq On : 25 Sep 2017 22:30
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Misc :
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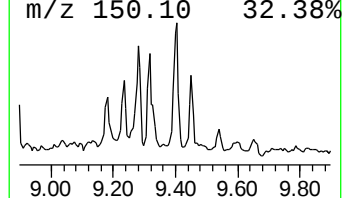
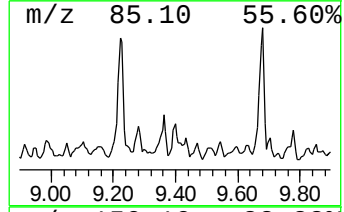
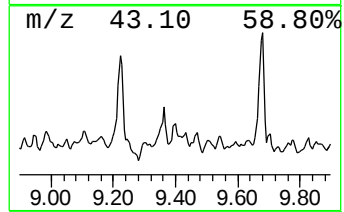
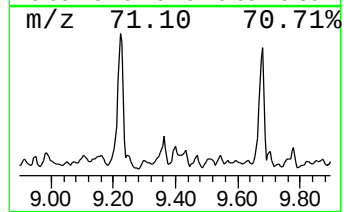
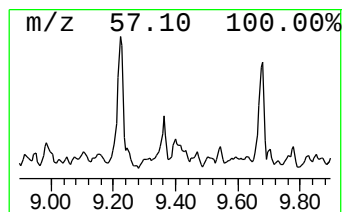
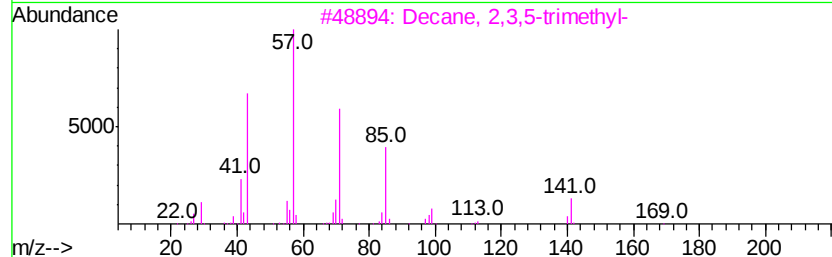
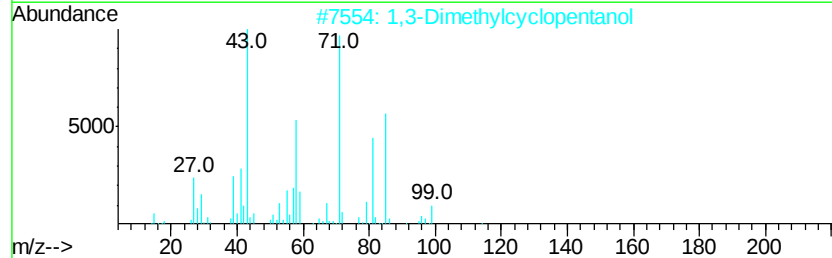
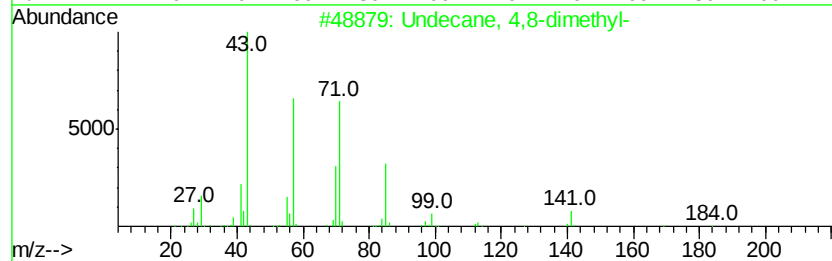
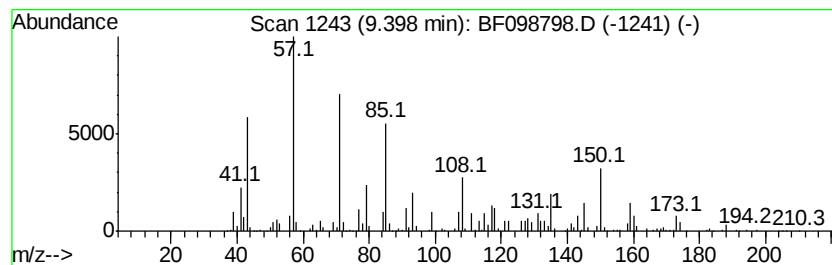
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown9.40 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	28.47 ng	832379	Acenaphthene-d10	9.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	35
2		1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	35
3		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	35
4		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	35
5		1-Nonene, 4,6,8-trimethyl-	168	C12H24	054410-98-9	22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
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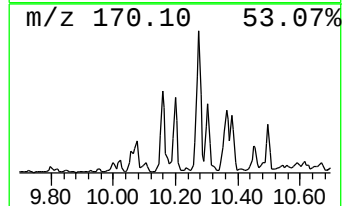
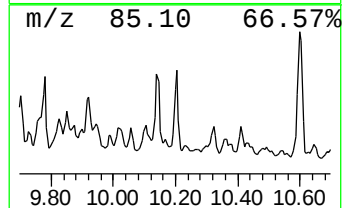
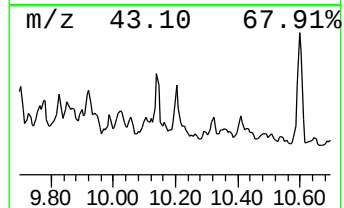
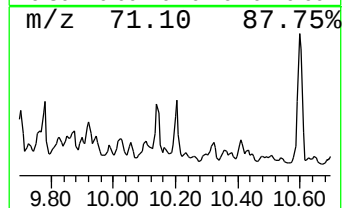
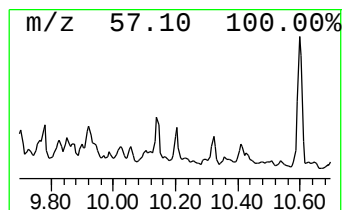
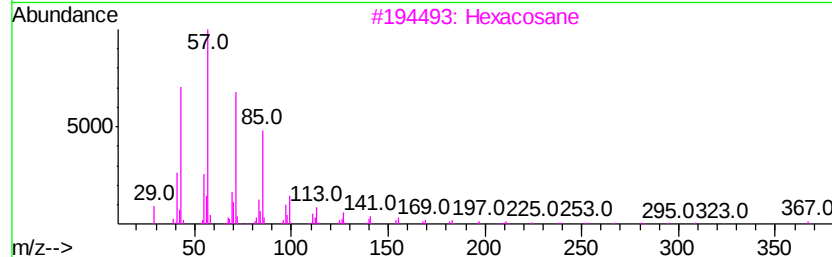
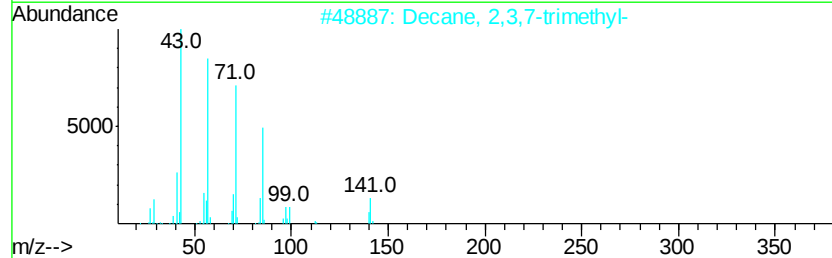
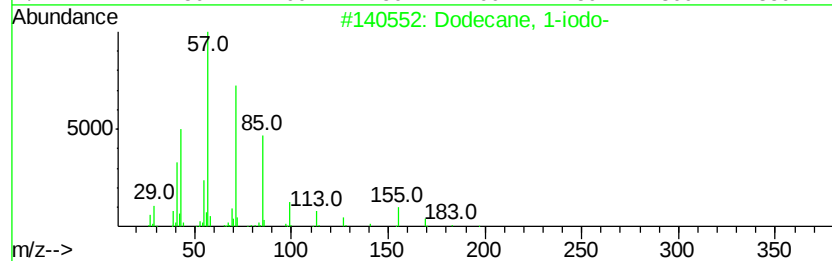
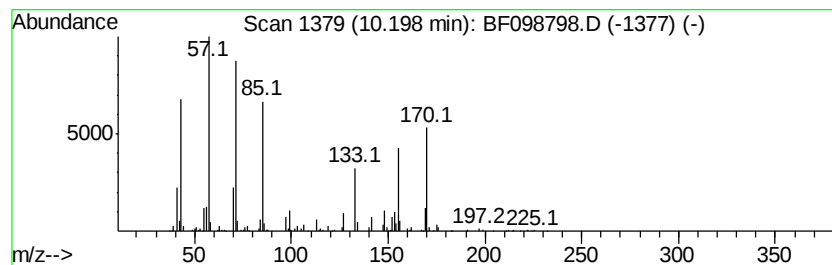
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Dodecane, 1-iodo- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.20	55.43 ng	1620380	Acenaphthene-d10		9.96
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
2	Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	64
3	Hexacosane	366	C26H54	000630-01-3	59
4	Sulfurous acid, nonyl 2-propyl e...	250	C12H26O3S	1000309-12-0	52
5	Decane, 3-methyl-	156	C11H24	013151-34-3	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
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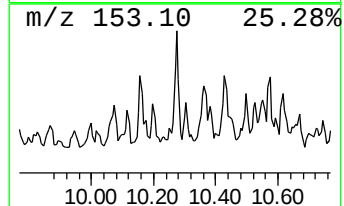
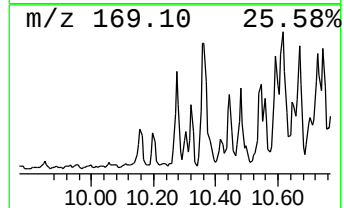
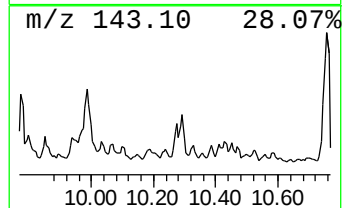
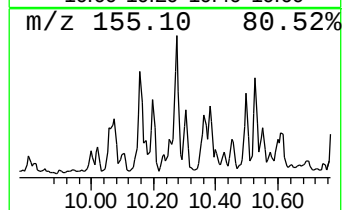
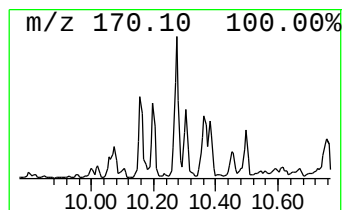
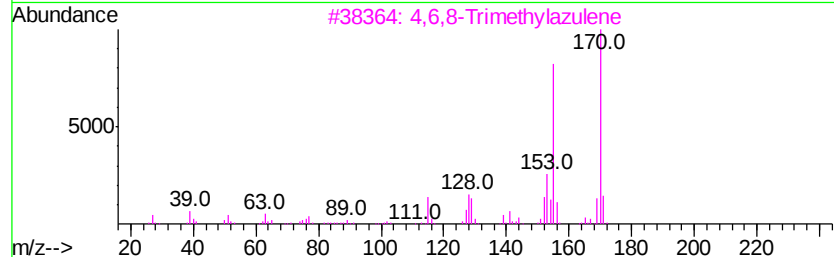
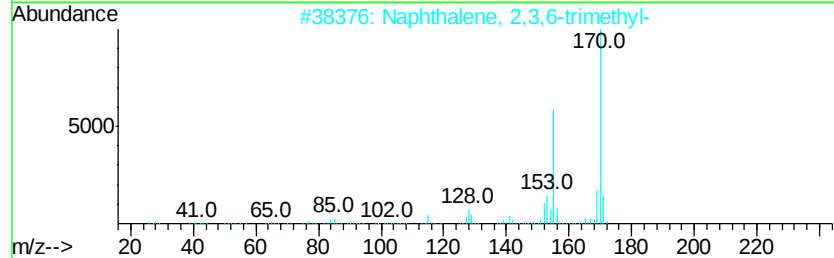
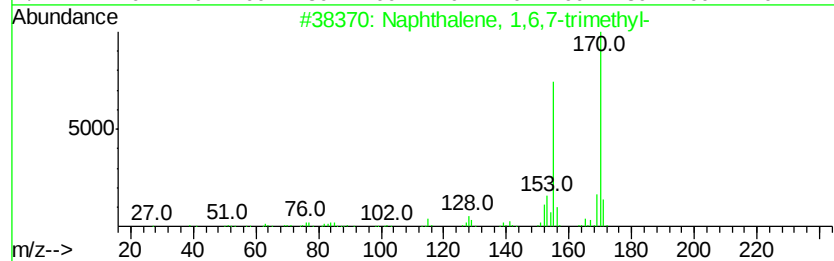
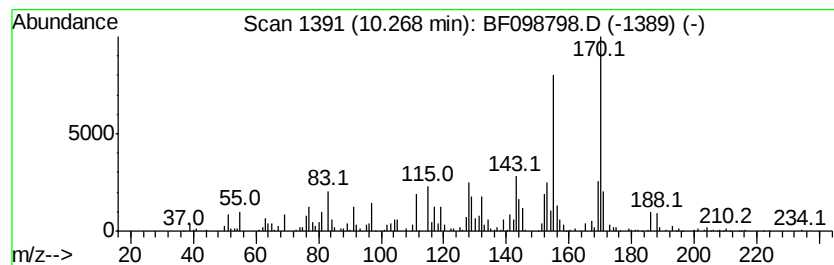
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Naphthalene, 1,6,7-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	23.03 ng	673270	Acenaphthene-d10	9.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
3		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	92



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
Data File : BF098798.D
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Sample : I5368-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

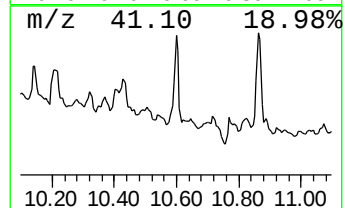
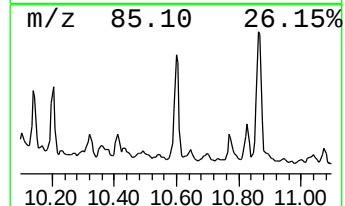
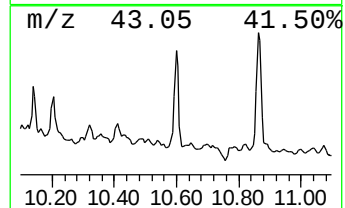
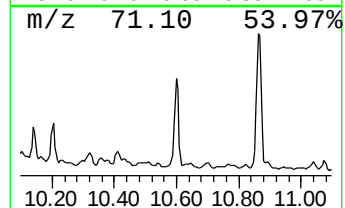
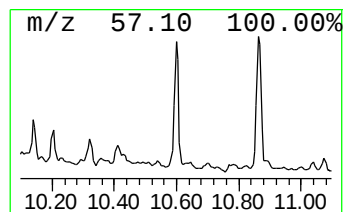
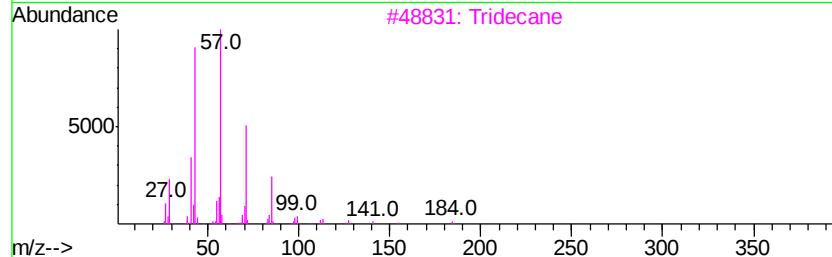
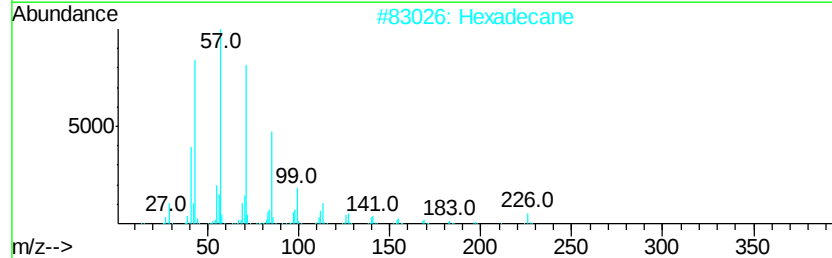
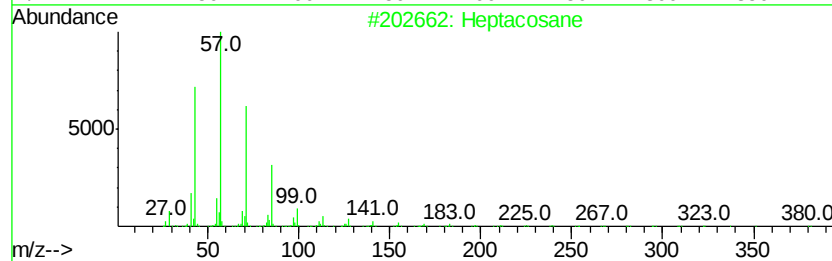
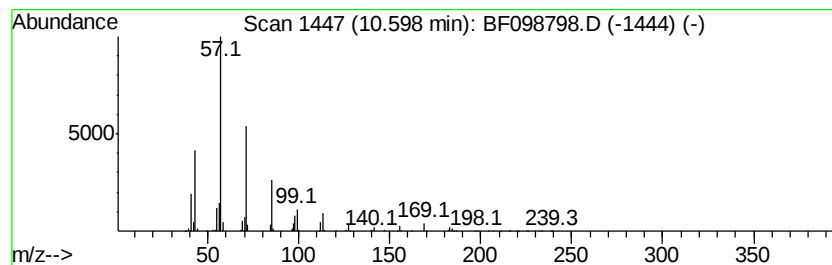
Instrument :
BNA_F
ClientSampleId :
F1123

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

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

Peak Number 18 Heptacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	62.23 ng	1819260	Acenaphthene-d10	9.96
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptacosane	380 C27H56	000593-49-7	86
2	Hexadecane	226 C16H34	000544-76-3	72
3	Tridecane	184 C13H28	000629-50-5	72
4	Hexadecane, 3-methyl-	240 C17H36	006418-43-5	72
5	3,5-Dimethyldodecane	198 C14H30	107770-99-0	70



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
Data File : BF098798.D
Acq On : 25 Sep 2017 22:30
Operator : SJ/JU
Sample : I5368-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
F1123

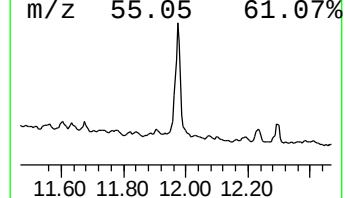
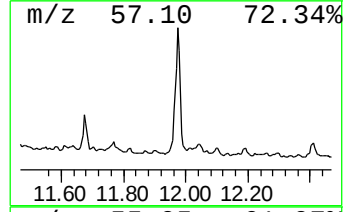
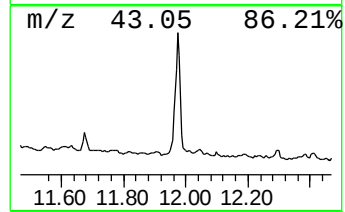
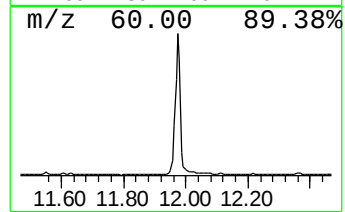
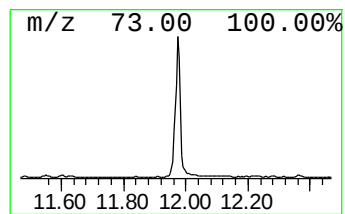
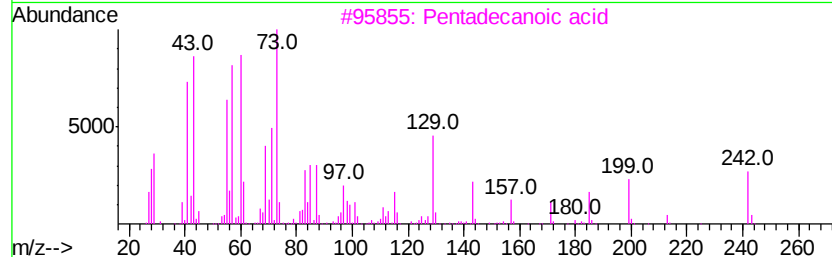
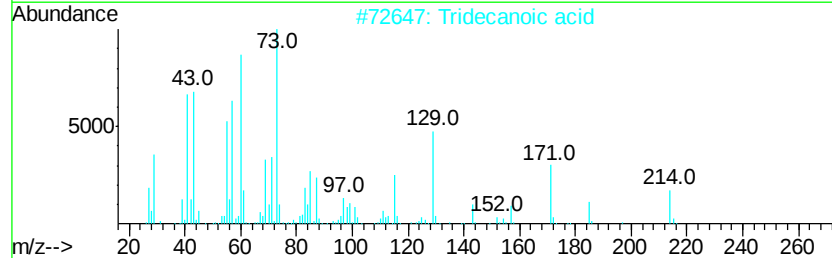
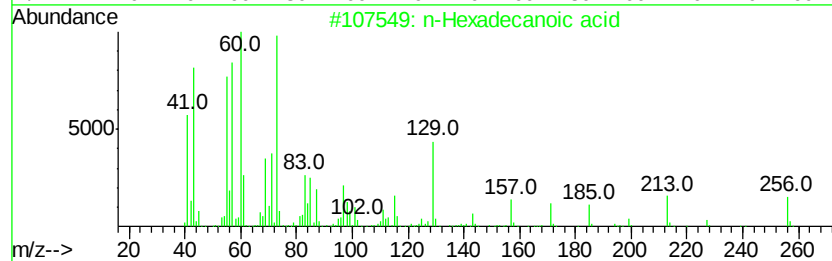
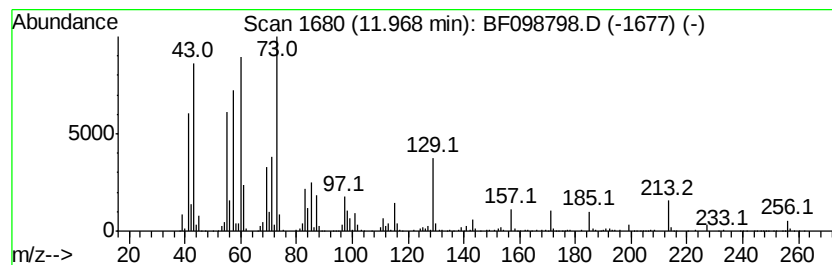
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	34.18 ng	2399050	Phenanthrene-d10	11.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5	Dodecanoic acid	200	C12H24O2	000143-07-7	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092517\
 Data File : BF098798.D
 Acq On : 25 Sep 2017 22:30
 Operator : SJ/JU
 Sample : I5368-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 F1123

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.69	6.69	42.0	ng	5056840	1	6.92	2410250	20.0
unknown7.56	7.56	27.8	ng	2003680	2	8.20	1442130	20.0
unknown7.60	7.60	26.2	ng	1889850	2	8.20	1442130	20.0
trans-Decalin, 2-...	7.84	23.8	ng	1717710	2	8.20	1442130	20.0
unknown8.15	8.15	26.3	ng	1896400	2	8.20	1442130	20.0
Undecane, 2,6-dim...	8.26	46.4	ng	3342410	2	8.20	1442130	20.0
Cyclohexane, 1,1'...	8.49	24.3	ng	1748280	2	8.20	1442130	20.0
Octane, 2,6-dimet...	8.62	56.6	ng	4082430	2	8.20	1442130	20.0
Tritetracontane	8.89	29.5	ng	2130290	2	8.20	1442130	20.0
1H-Inden-1-one, 2...	9.09	49.2	ng	1437020	3	9.96	584662	20.0
Cyclohexane, octyl-	9.11	45.0	ng	1316680	3	9.96	584662	20.0
Dodecane, 2,7,10-...	9.22	117.1	ng	3422000	3	9.96	584662	20.0
Decane, 6-ethyl-2...	9.36	27.7	ng	809385	3	9.96	584662	20.0
unknown9.40	9.40	28.5	ng	832379	3	9.96	584662	20.0
Dodecane, 1-iodo-	10.20	55.4	ng	1620380	3	9.96	584662	20.0
Naphthalene, 1,6,...	10.27	23.0	ng	673270	3	9.96	584662	20.0
Heptacosane	10.60	62.2	ng	1819260	3	9.96	584662	20.0
n-Hexadecanoic acid	11.97	34.2	ng	2399050	4	11.44	1403580	20.0