

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100217\
 Data File : BF099007.D
 Acq On : 2 Oct 2017 18:43
 Operator : SJ/JU
 Sample : I5531-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G-63A-0-3

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	16	22	30	rVB	159405	216084	5.00%	0.161%
2	5.139	514	519	532	rVB	547188	859863	19.89%	0.642%
3	5.534	578	586	589	rBV	3273477	3871926	89.58%	2.890%
4	5.934	647	654	657	rBV3	126768	193719	4.48%	0.145%
5	6.145	686	690	697	rBV2	423806	762385	17.64%	0.569%
6	6.204	697	700	703	rVB	248197	223339	5.17%	0.167%
7	6.339	718	723	726	rBV2	313073	456274	10.56%	0.341%
8	6.398	731	733	736	rVB	501873	394447	9.13%	0.294%
9	6.433	736	739	746	rBV5	382225	771396	17.85%	0.576%
10	6.486	746	748	751	rBV	293532	280758	6.50%	0.210%
11	6.533	751	756	759	rBV	2829392	3677616	85.08%	2.745%
12	6.645	770	775	776	rBV2	353643	436066	10.09%	0.326%
13	6.681	776	781	787	rVB	3444880	4319940	99.94%	3.225%
14	6.745	787	792	793	rBV3	243057	398906	9.23%	0.298%
15	6.763	793	795	798	rVB2	231781	180305	4.17%	0.135%
16	6.863	809	812	814	rBV3	241435	283307	6.55%	0.211%
17	6.910	817	820	823	rVB2	1825200	2009294	46.48%	1.500%
18	6.957	823	828	831	rBV2	492120	598984	13.86%	0.447%
19	7.010	831	837	840	rBV4	497579	798915	18.48%	0.596%
20	7.063	840	846	848	rBV3	2941071	3760242	86.99%	2.807%
21	7.080	848	849	852	rVB2	499812	380439	8.80%	0.284%
22	7.128	855	857	859	rBV	412847	374517	8.66%	0.280%
23	7.151	859	861	862	rBV	360855	277949	6.43%	0.207%
24	7.175	862	865	868	rVB	1244879	1190414	27.54%	0.889%
25	7.204	868	870	872	rBV	520109	497926	11.52%	0.372%
26	7.222	872	873	875	rVB	356593	178855	4.14%	0.134%
27	7.245	875	877	880	rVB3	345933	312148	7.22%	0.233%
28	7.304	880	887	889	rBV2	865007	1402524	32.45%	1.047%
29	7.328	889	891	896	rVB5	354866	440128	10.18%	0.329%
30	7.375	896	899	903	rBV3	213450	362830	8.39%	0.271%
31	7.439	904	910	912	rBV2	2011632	2724012	63.02%	2.033%
32	7.475	912	916	920	rVB3	2283976	2761220	63.88%	2.061%
33	7.545	924	928	932	rBV4	1281576	2005482	46.40%	1.497%
34	7.604	932	938	942	rBV4	1154651	2302828	53.28%	1.719%

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Integrator: RTE

Smoothing : ON

Sampling : 1

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Max Peaks: 100

Peak Location: TOP

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

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
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35	7.657	942	947	948	rBV4	576571	773475	17.89%	0.577%
36	7.680	948	951	953	rVV2	1389574	1753477	40.57%	1.309%
37	7.704	953	955	959	rVB2	1058424	1398601	32.36%	1.044%
38	7.786	965	969	971	rBV2	1158553	1589009	36.76%	1.186%
39	7.804	971	972	974	rVV	1395739	1098883	25.42%	0.820%
40	7.833	974	977	979	rVV3	1437707	1538143	35.58%	1.148%
41	7.863	979	982	985	rVB2	1469982	1634816	37.82%	1.220%
42	7.898	985	988	990	rBV3	541984	505200	11.69%	0.377%
43	7.928	990	993	995	rBV	1896898	1824443	42.21%	1.362%
44	7.957	995	998	1002	rVB4	987498	1169374	27.05%	0.873%
45	8.004	1002	1006	1012	rBV6	1049463	1543706	35.71%	1.152%
46	8.057	1012	1015	1019	rBV2	1313965	1474786	34.12%	1.101%
47	8.092	1019	1021	1023	rBV2	531148	476360	11.02%	0.356%
48	8.145	1024	1030	1032	rBV4	1265404	2291234	53.01%	1.710%
49	8.180	1032	1036	1039	rBV4	1453643	2071798	47.93%	1.547%
50	8.251	1044	1048	1050	rVV2	2920363	4289292	99.23%	3.202%
51	8.280	1050	1053	1055	rVB2	1308430	1086313	25.13%	0.811%
52	8.345	1061	1064	1066	rBV4	950342	1093239	25.29%	0.816%
53	8.369	1066	1068	1069	rVV	674796	588681	13.62%	0.439%
54	8.392	1069	1072	1075	rVB3	988100	1364877	31.58%	1.019%
55	8.486	1083	1088	1092	rVB5	1931726	2845412	65.83%	2.124%
56	8.539	1095	1097	1100	rBV4	619402	532937	12.33%	0.398%
57	8.580	1100	1104	1106	rBV2	1769090	1887610	43.67%	1.409%
58	8.622	1106	1111	1115	rBV2	2753895	4322491	100.00%	3.227%
59	8.704	1122	1125	1127	rBV2	1496580	1354646	31.34%	1.011%
60	8.745	1127	1132	1133	rBV4	717546	1020420	23.61%	0.762%
61	8.792	1137	1140	1143	rBV4	1020172	1563118	36.16%	1.167%
62	8.922	1159	1162	1164	rVB	2607551	2823909	65.33%	2.108%
63	8.951	1164	1167	1169	rBV3	910618	835556	19.33%	0.624%
64	8.980	1169	1172	1173	rBV3	862914	1018343	23.56%	0.760%
65	9.022	1177	1179	1181	rVV	2426344	2429795	56.21%	1.814%
66	9.045	1181	1183	1185	rVB3	981134	713221	16.50%	0.532%
67	9.104	1191	1193	1197	rVB5	1529980	1694810	39.21%	1.265%
68	9.227	1210	1214	1218	rVB3	2057052	2842158	65.75%	2.122%
69	9.274	1219	1222	1224	rVB	1505803	1380846	31.95%	1.031%
70	9.369	1233	1238	1242	rBV3	1222699	2428045	56.17%	1.812%
71	9.480	1254	1257	1261	rVB	1355640	1827996	42.29%	1.365%

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Sampling : 1 Min Area: 3 % of largest Peak
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72	9.710	1294	1296	1298	rVB3	829572	594657	13.76%	0.444%
73	9.833	1313	1317	1319	rVB4	1499141	1676144	38.78%	1.251%
74	10.074	1354	1358	1362	rVB2	1333468	2326329	53.82%	1.737%
75	10.116	1362	1365	1368	rBV3	922944	1258907	29.12%	0.940%
76	10.221	1379	1383	1390	rVB5	1895914	3684192	85.23%	2.750%
77	10.292	1391	1395	1397	rBV	1535497	2211671	51.17%	1.651%
78	10.380	1405	1410	1412	rBV5	1454832	2522474	58.36%	1.883%
79	11.339	1570	1573	1579	rVB3	1958539	3428811	79.32%	2.560%
80	11.445	1589	1591	1594	rBV2	681424	994211	23.00%	0.742%
81	11.680	1629	1631	1634	rBV3	1144214	1141383	26.41%	0.852%
82	11.957	1675	1678	1680	rBV	1159540	1252045	28.97%	0.935%
83	11.986	1680	1683	1686	rVB	1442560	1424839	32.96%	1.064%
84	12.392	1750	1752	1756	rBV2	469106	669450	15.49%	0.500%
85	12.504	1768	1771	1774	rBV	1125068	1051610	24.33%	0.785%
86	12.586	1783	1785	1788	rVB2	511862	474959	10.99%	0.355%
87	12.615	1788	1790	1794	rVV2	534527	527403	12.20%	0.394%
88	12.662	1795	1798	1801	rVB2	562604	585541	13.55%	0.437%
89	12.898	1833	1838	1842	rVB3	759887	1148767	26.58%	0.858%
90	12.939	1842	1845	1848	rVB	540012	559487	12.94%	0.418%
91	12.992	1852	1854	1856	rBV2	247065	203749	4.71%	0.152%
92	13.021	1856	1859	1862	rVB	2132637	1903396	44.03%	1.421%
93	13.492	1936	1939	1946	rVB	397328	506222	11.71%	0.378%
94	13.898	2005	2008	2016	rVB4	286699	417322	9.65%	0.312%
95	14.074	2033	2038	2040	rBV2	768590	893241	20.66%	0.667%
96	14.098	2040	2042	2044	rVB	251550	185403	4.29%	0.138%
97	15.121	2213	2216	2219	rBV	232230	284946	6.59%	0.213%
98	15.433	2266	2269	2274	rVB	180362	234236	5.42%	0.175%
99	15.498	2277	2280	2286	rVB	147060	202687	4.69%	0.151%
100	15.562	2287	2291	2296	rBV	608806	807924	18.69%	0.603%

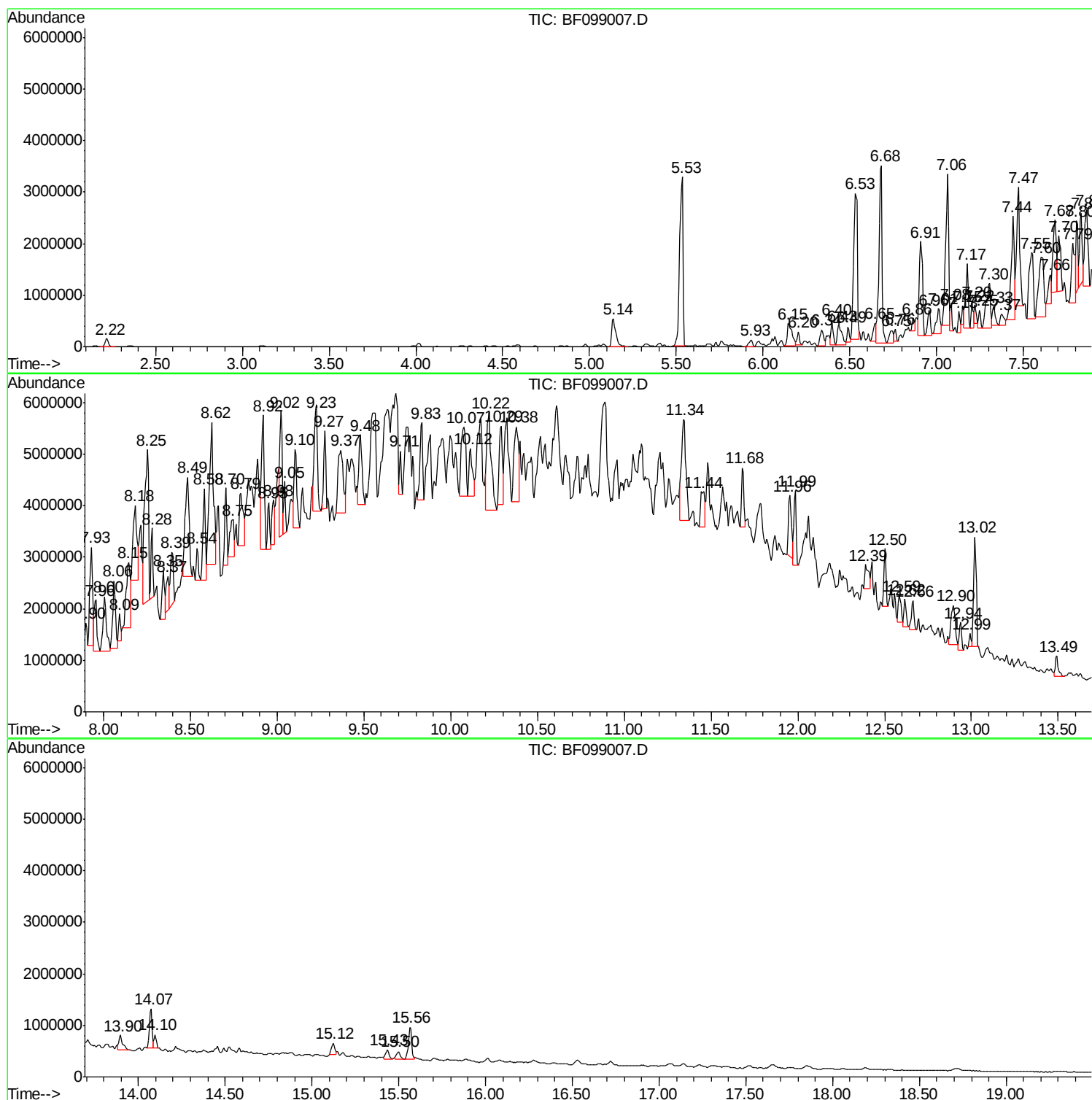
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ClientSampled :
G-63A-0-3

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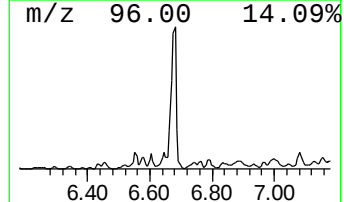
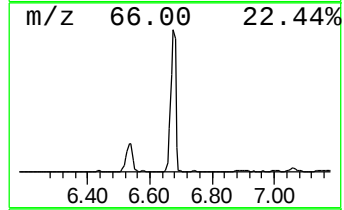
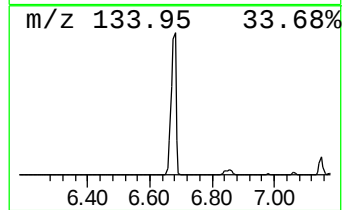
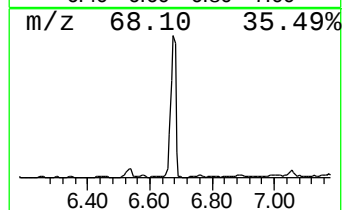
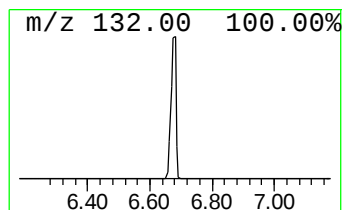
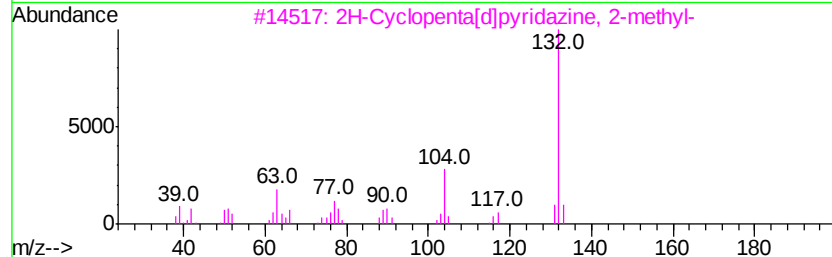
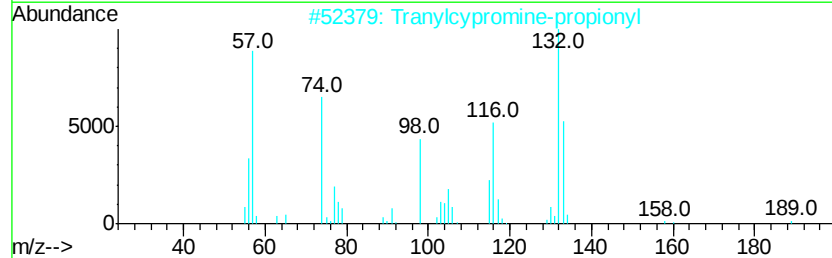
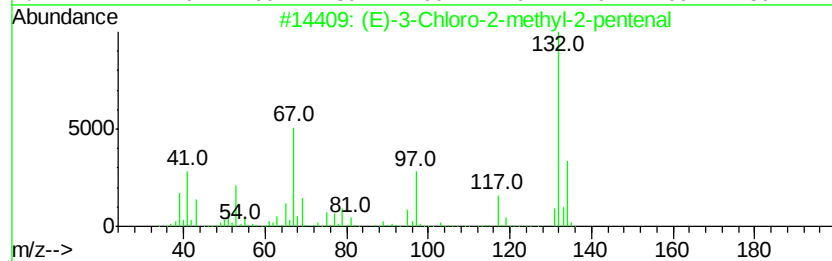
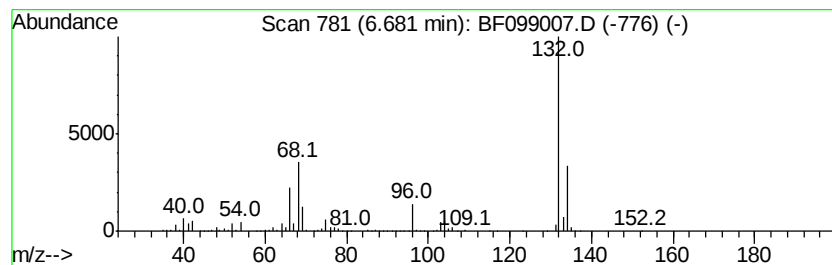
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.68 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	43.00 ng	4319940	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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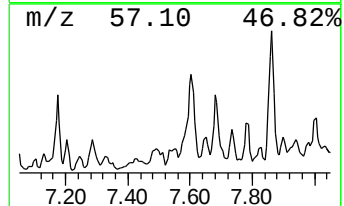
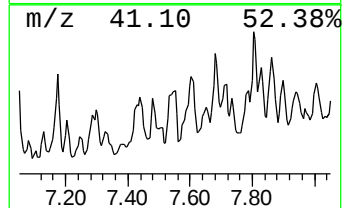
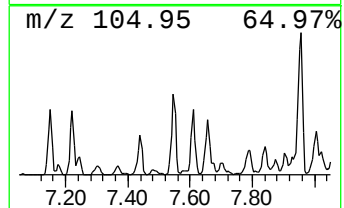
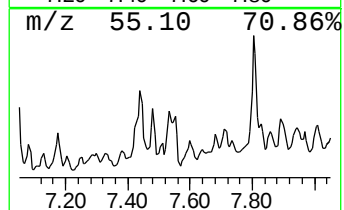
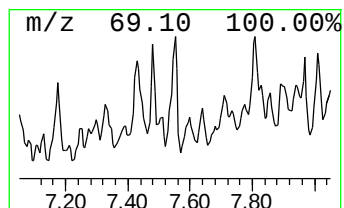
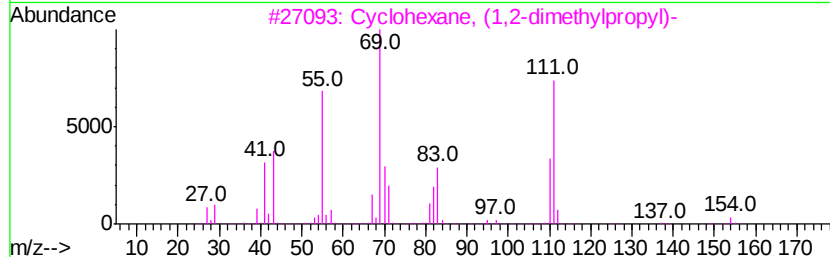
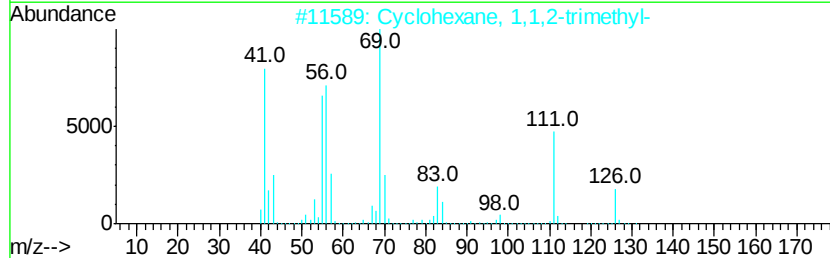
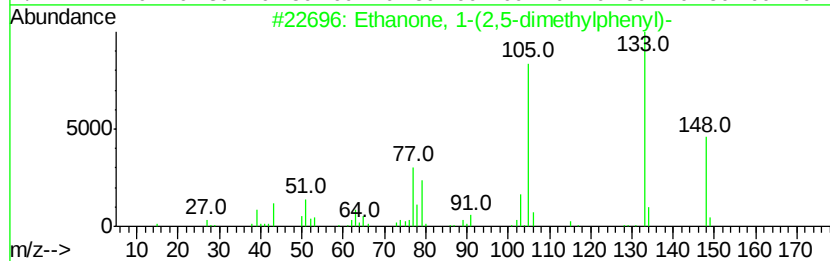
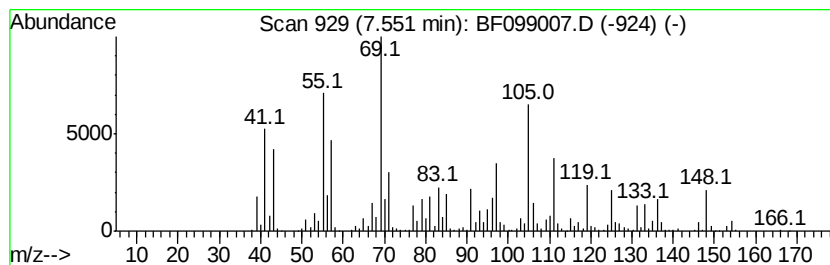
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Ethanone, 1-(2,5-dimethylph... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	19.96 ng	2005480	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanone, 1-(2,5-dimethylphenyl)-	148	C10H12O	002142-73-6	53
2		Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	38
3		Cyclohexane, (1,2-dimethylpropyl)-	154	C11H22	051284-29-8	27
4		Propanal, 2-methyl-3-phenyl-	148	C10H12O	1000131-87-6	25
5		Cyclopentane, 1-butyl-2-ethyl-	154	C11H22	072993-32-9	25



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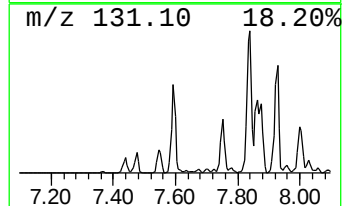
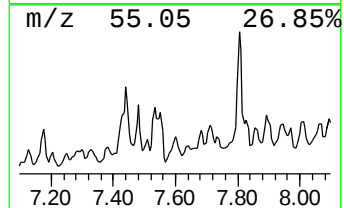
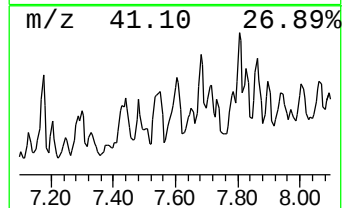
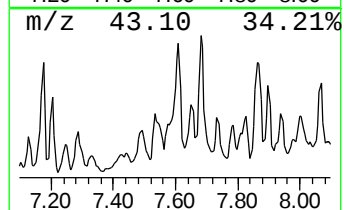
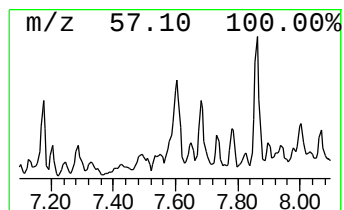
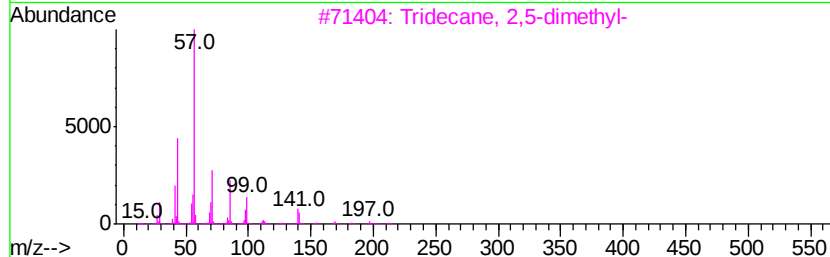
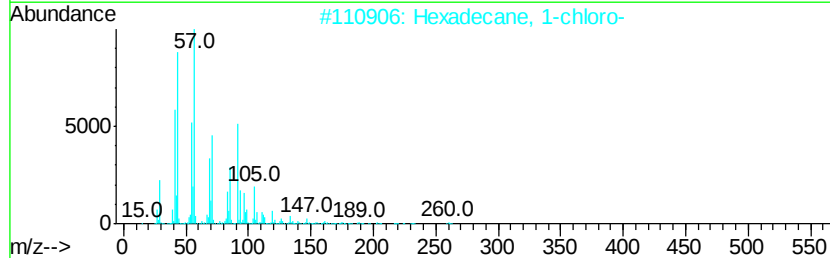
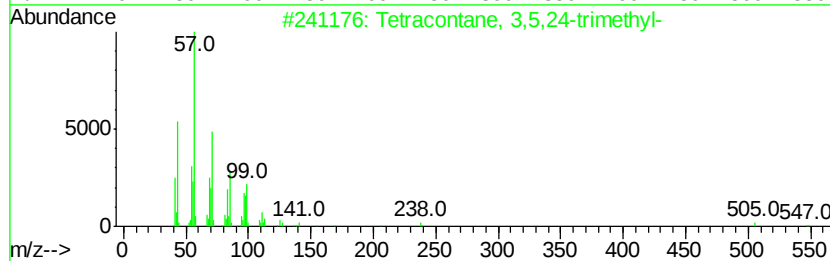
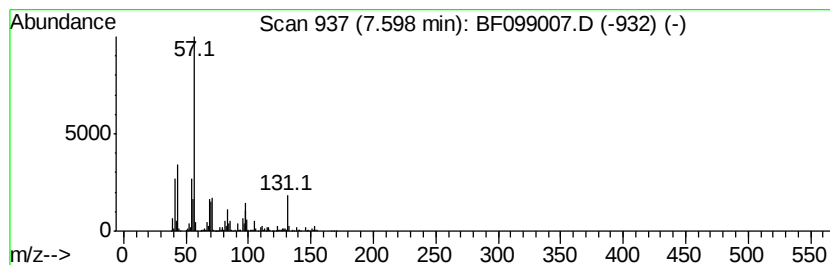
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tetracontane, 3,5,24-trimet... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	22.23 ng	2302830	Naphthalene-d8	8.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	64
2		Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	59
3		Tridecane, 2,5-dimethyl-	212	C15H32	056292-66-1	53
4		Tridecane, 6-methyl-	198	C14H30	013287-21-3	50
5		Octane, 4-ethyl-	142	C10H22	015869-86-0	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
Data File : BF099007.D
Acq On : 2 Oct 2017 18:43
Operator : SJ/JU
Sample : I5531-13
Misc :
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ClientSampleId :
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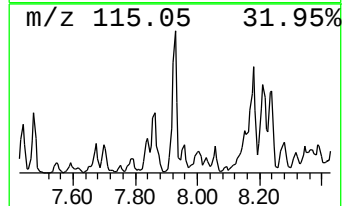
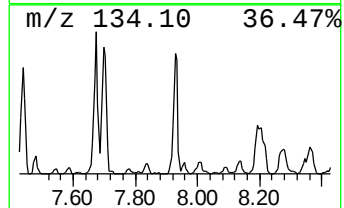
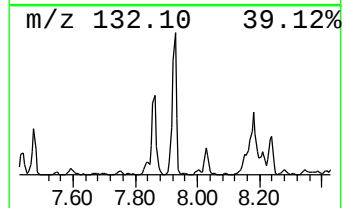
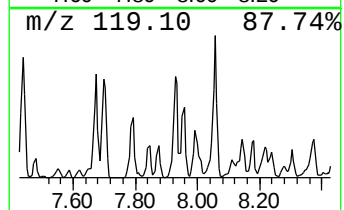
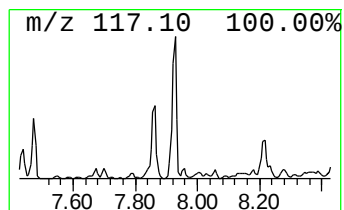
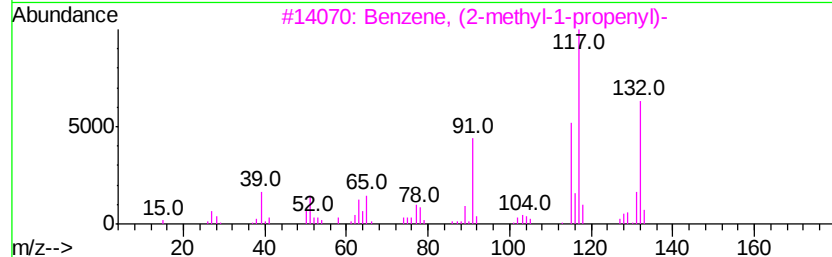
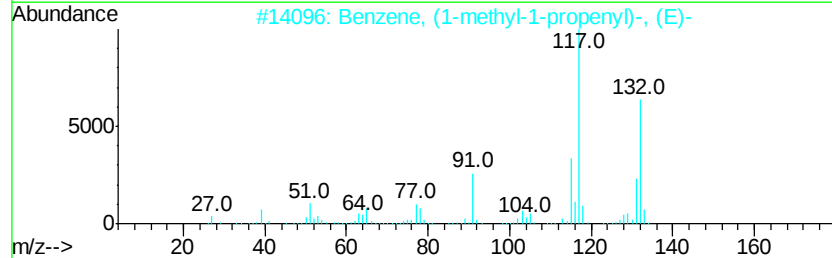
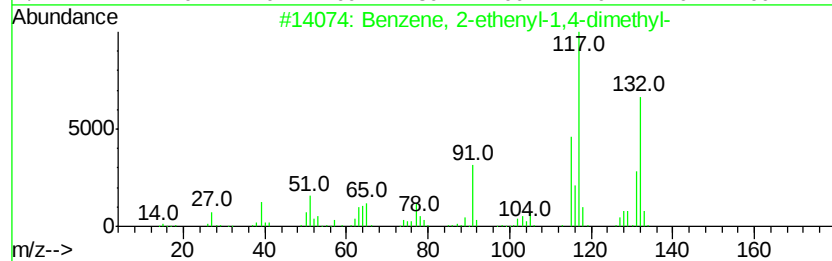
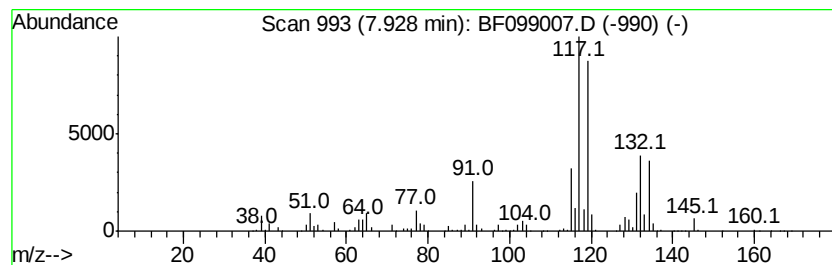
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	17.61 ng	1824440	Naphthalene-d8	8.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	94
2		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	78
3		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	60
4		3-Phenylbut-1-ene	132	C10H12	000934-10-1	60
5		1-Phenyl-1-butene	132	C10H12	000824-90-8	55



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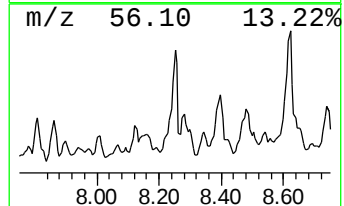
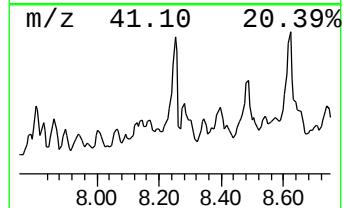
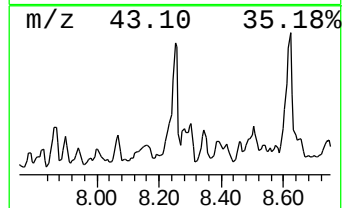
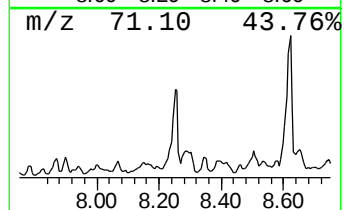
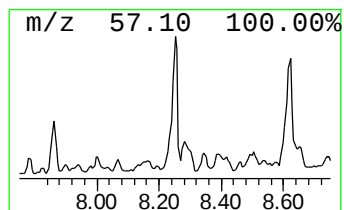
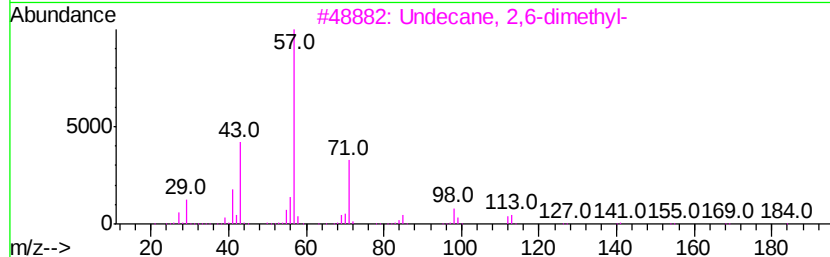
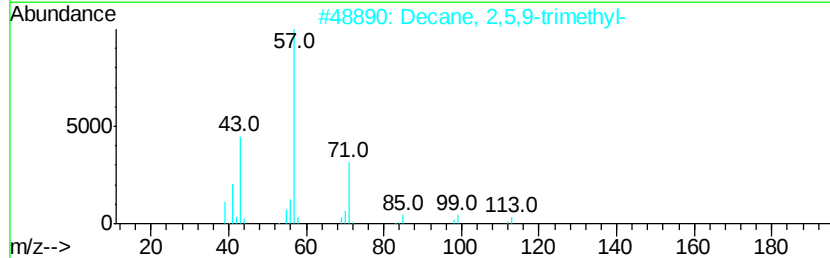
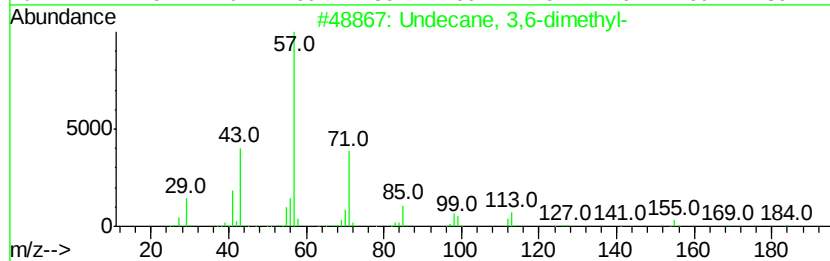
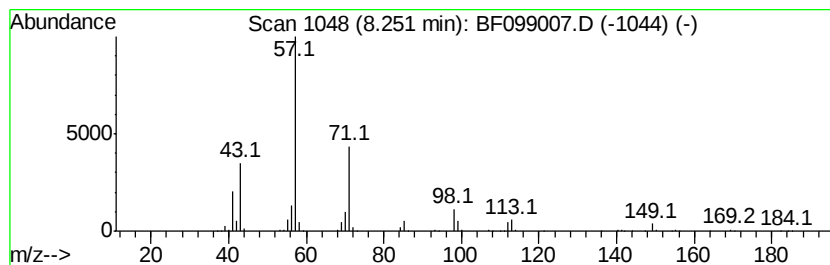
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Undecane, 3,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.25	41.41 ng	4289290	Napthalene-d8	8.19

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	78	
2	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	72	
3	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	70	
4	Undecane, 5-ethyl-	184	C13H28	017453-94-0	64	
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	64	



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
Data File : BF099007.D
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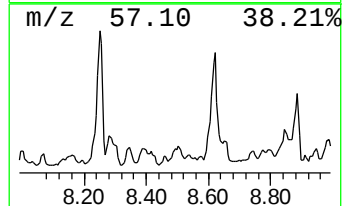
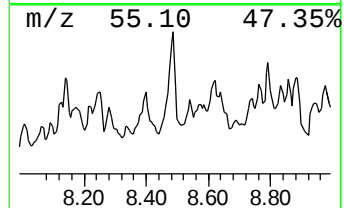
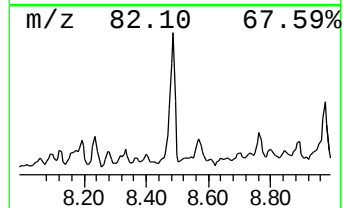
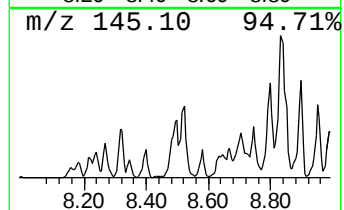
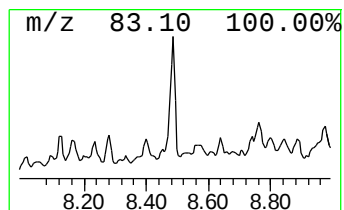
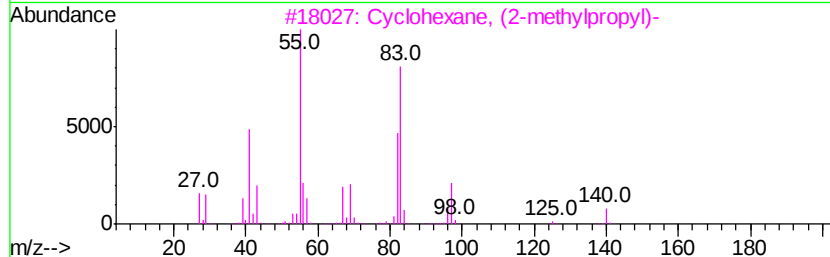
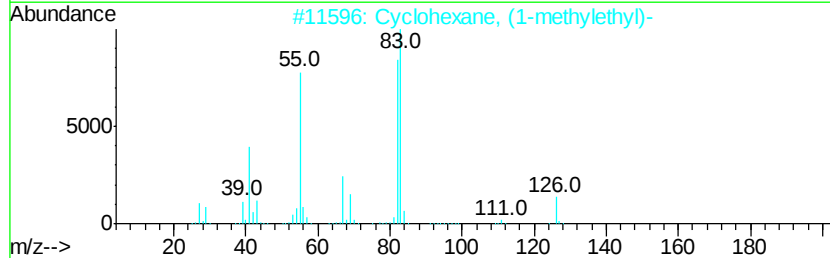
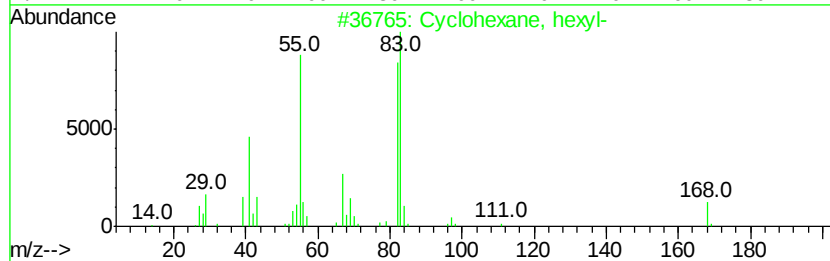
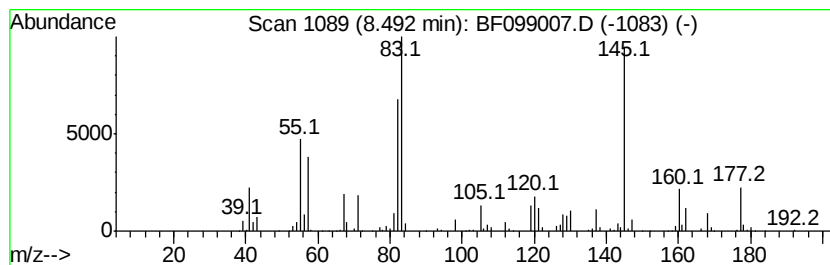
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Cyclohexane, hexyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	27.47 ng	2845410	Naphthalene-d8	8.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, hexyl-	168	C12H24	004292-75-5	70
2		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	52
3		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	50
4		Cyclohexane, 1,1'-(1,4-butanediyl)-	222	C16H30	006165-44-2	50
5		Cyclohexane, octyl-	196	C14H28	001795-15-9	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
Data File : BF099007.D
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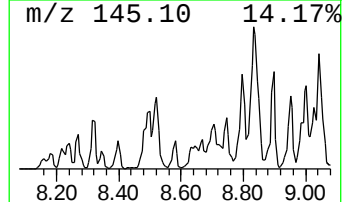
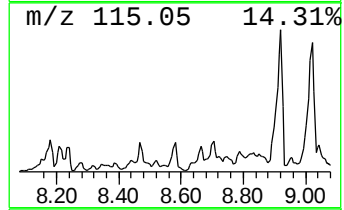
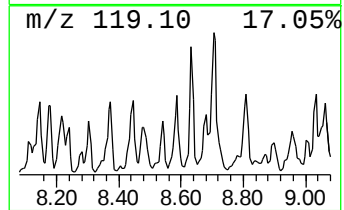
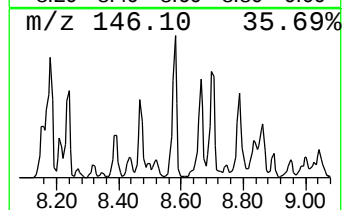
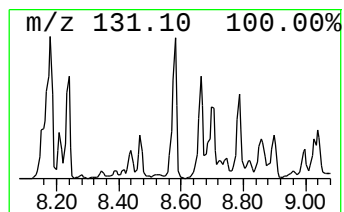
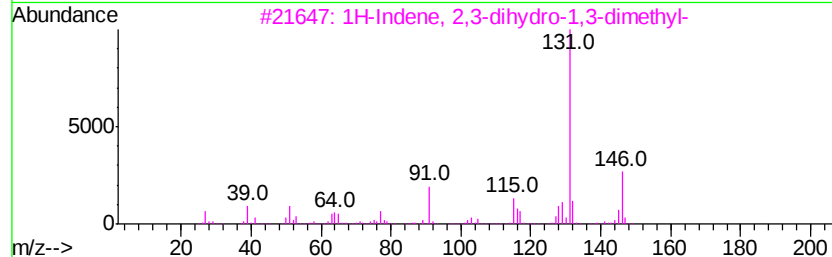
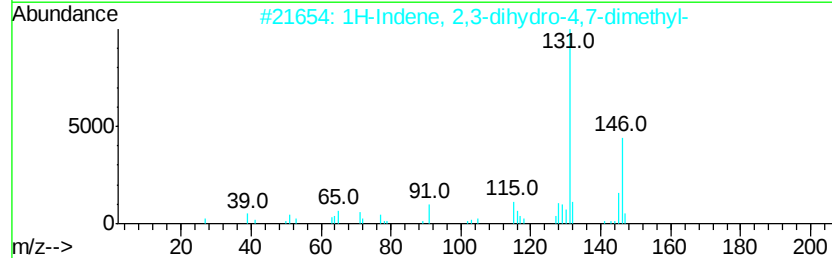
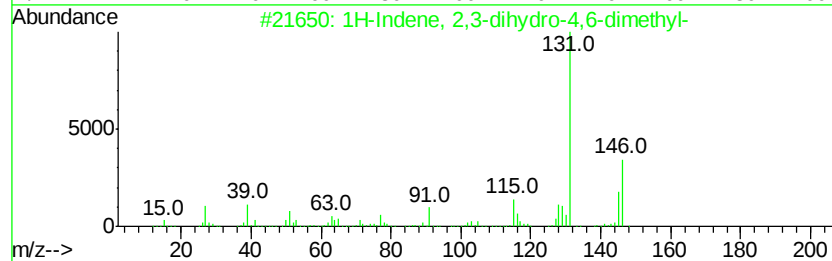
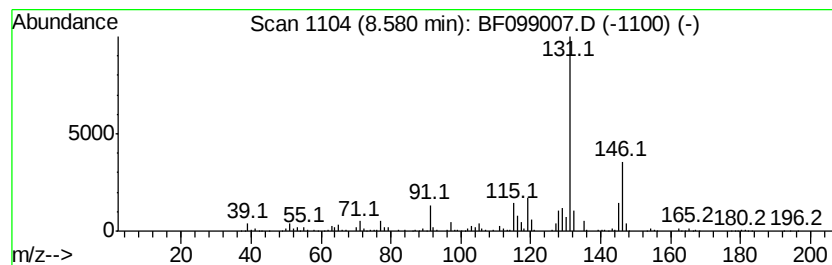
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1H-Indene, 2,3-dihydro-4,6-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.58	18.22 ng	1887610	Napthalene-d8	8.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	93
2		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
3		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	93
4		1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	91
5		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90



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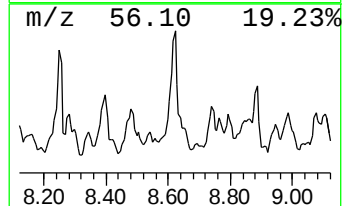
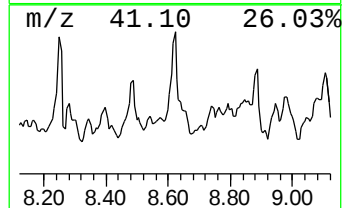
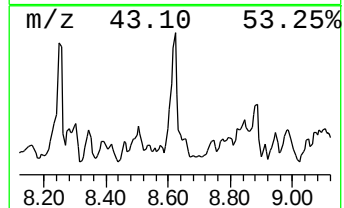
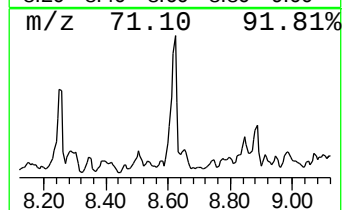
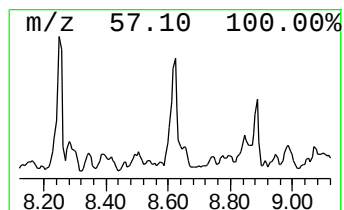
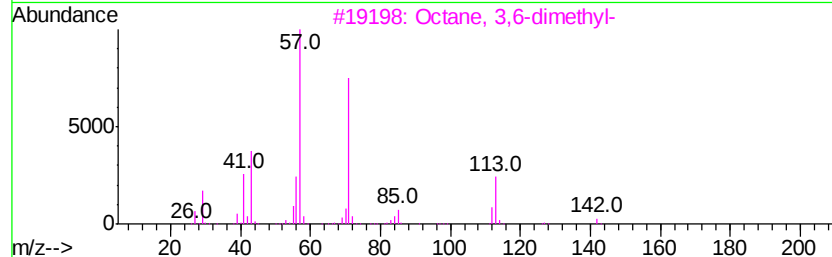
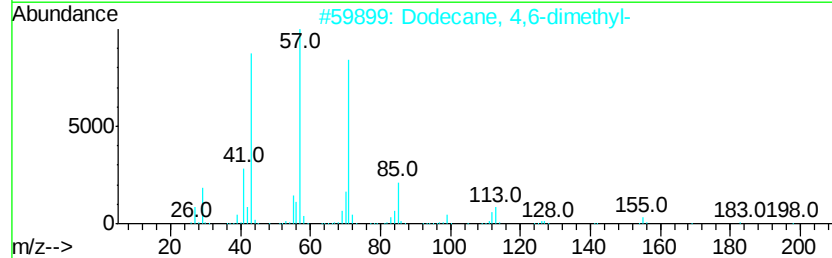
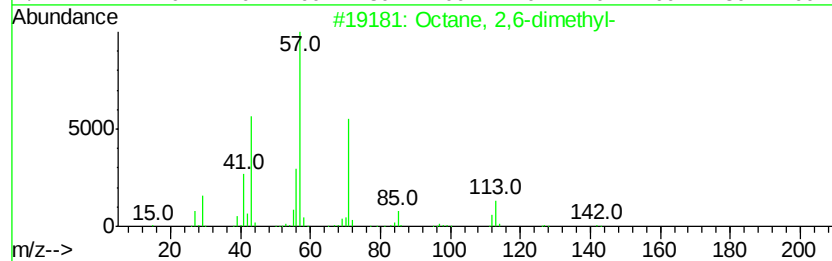
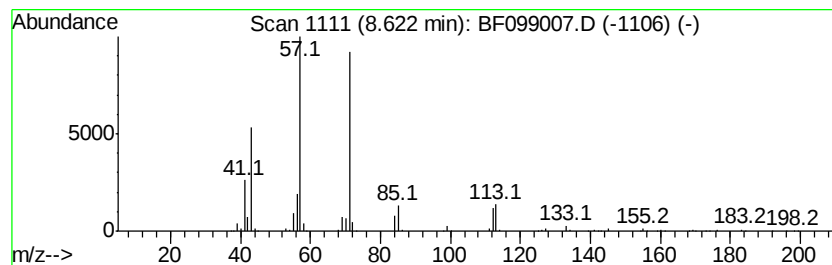
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	41.73 ng	4322490	Napthalene-d8	8.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86
2		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	80
3		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
4		Bacchotricuneatin c	342	C20H22O5	066563-30-2	72
5		Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100217\
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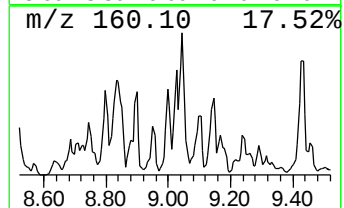
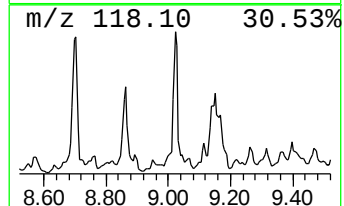
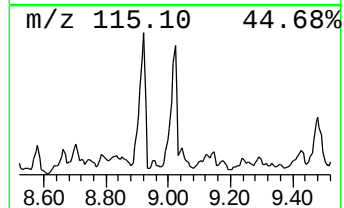
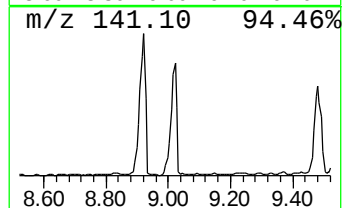
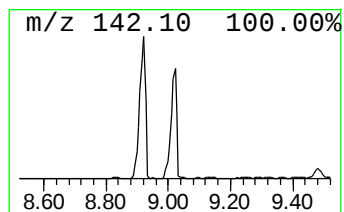
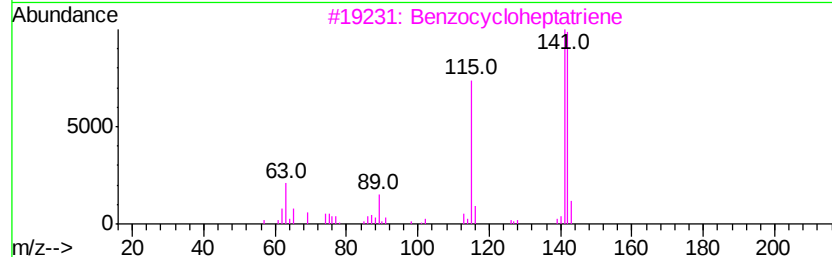
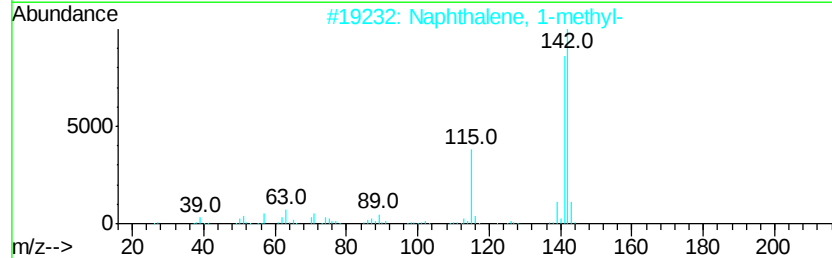
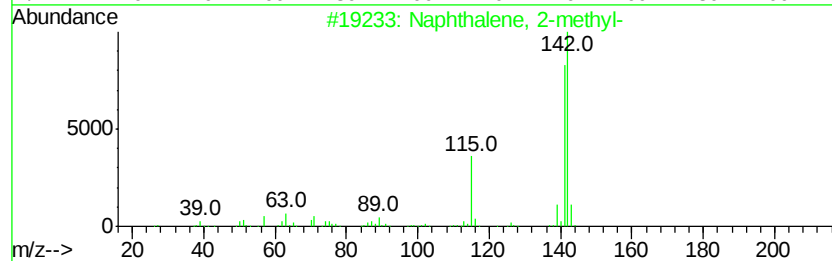
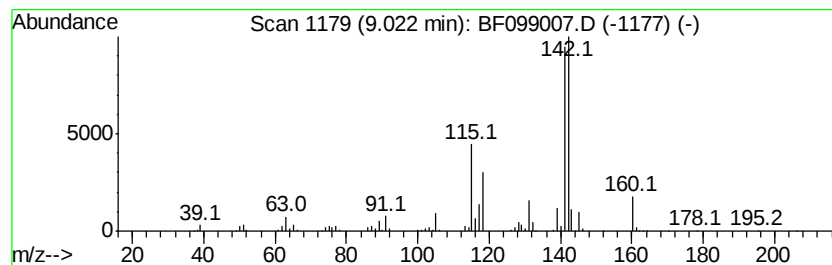
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.02	23.46 ng	2429800	Naphthalene-d8	8.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
3		Benzocycloheptatriene	142	C11H10	000264-09-5	89
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	76
5		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	68



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100217\
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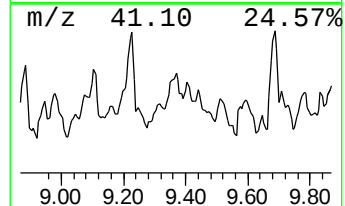
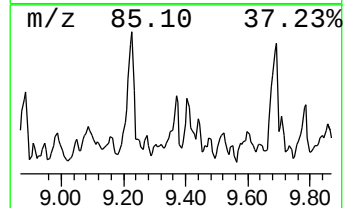
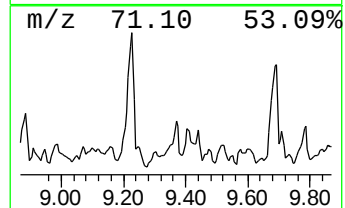
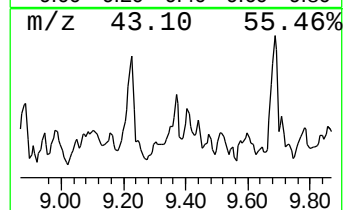
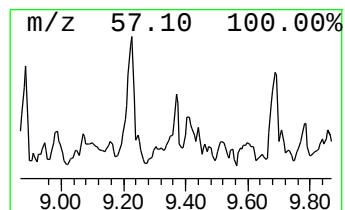
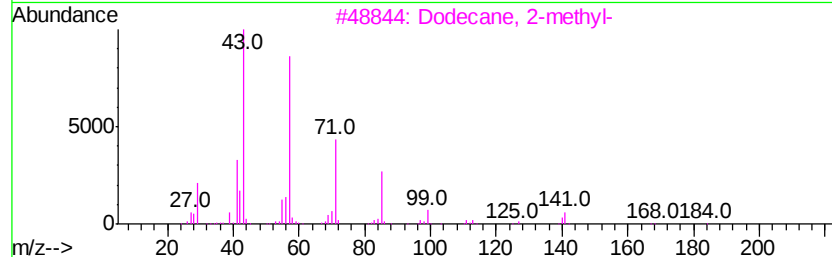
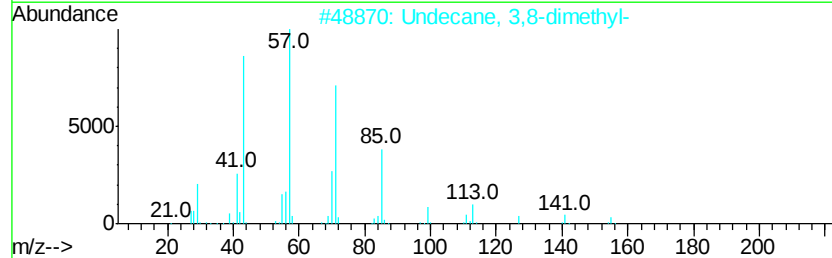
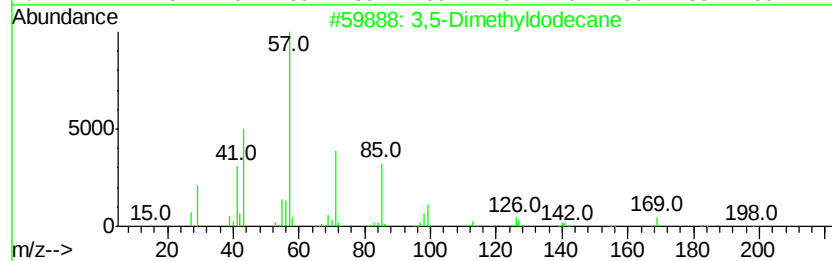
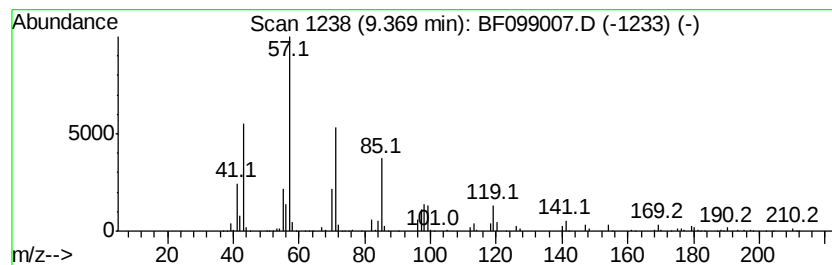
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 3,5-Dimethyldodecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	20.87 ng	2428050	Acenaphthene-d10	9.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,5-Dimethyldodecane	198	C14H30	107770-99-0	70
2		Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	50
3		Dodecane, 2-methyl-	184	C13H28	001560-97-0	50
4		2,3-Dimethyldodecane	198	C14H30	006117-98-2	50
5		Bacchotricuneatin c	342	C20H22O5	066563-30-2	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100217\
Data File : BF099007.D
Acq On : 2 Oct 2017 18:43
Operator : SJ/JU
Sample : I5531-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G-63A-0-3

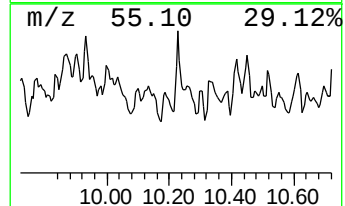
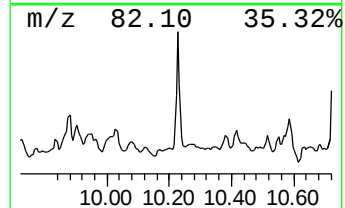
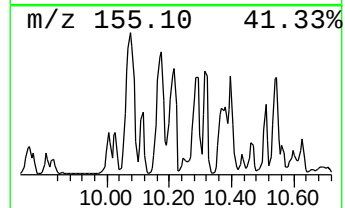
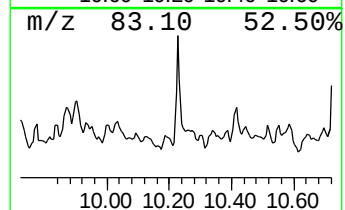
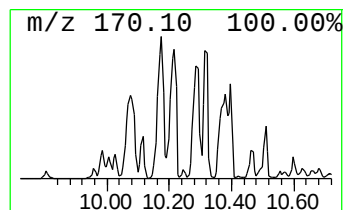
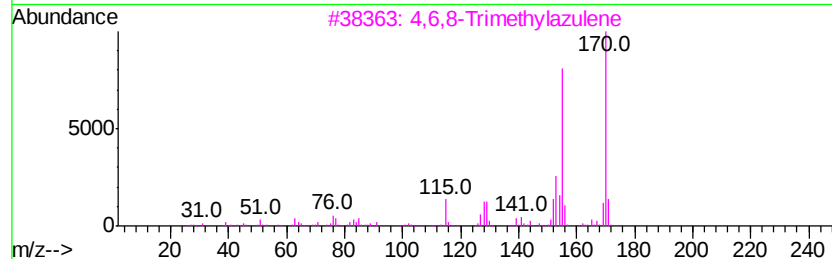
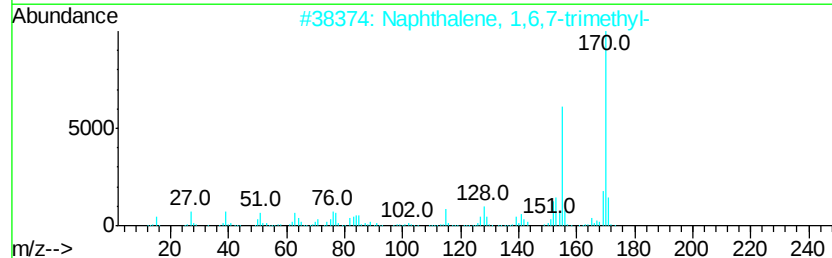
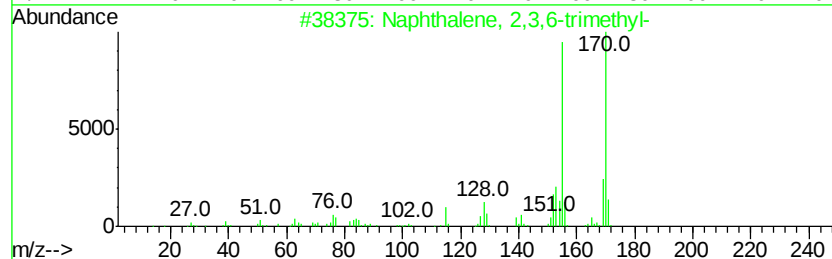
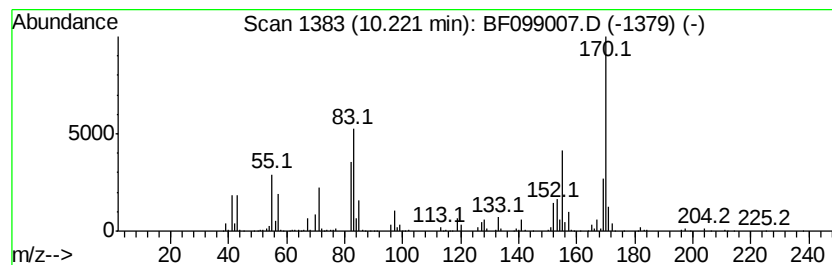
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 2,3,6-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	31.67 ng	3684190	Acenaphthene-d10	9.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	70
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	58
3		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	50
4		2,4,6,(1H,3H,5H)-Pyrimidinetrion...	170	C6H6N2O4	058713-02-3	47
5		2,2-Dimethyl-4-ethynyl-tetrahydr...	170	C9H14OS	015601-02-2	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100217\
Data File : BF099007.D
Acq On : 2 Oct 2017 18:43
Operator : SJ/JU
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Misc :
ALS Vial : 11 Sample Multiplier: 1

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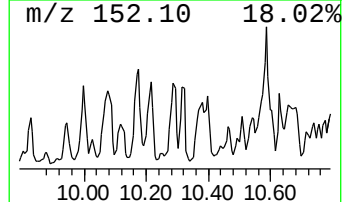
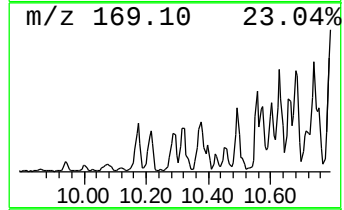
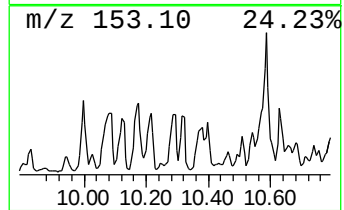
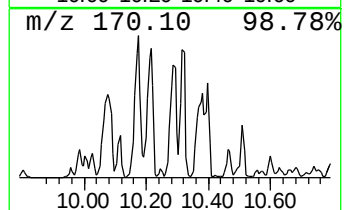
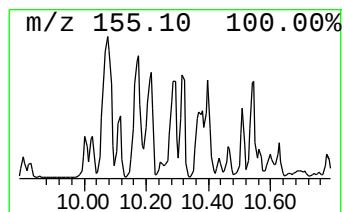
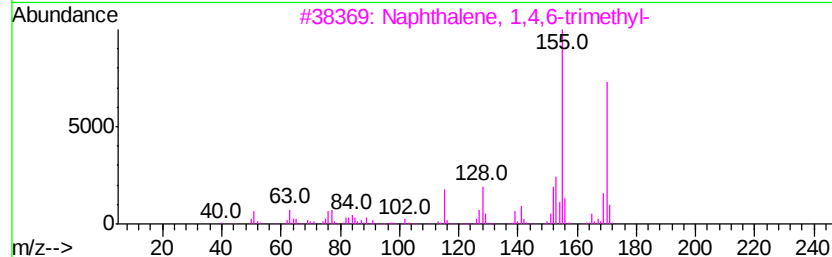
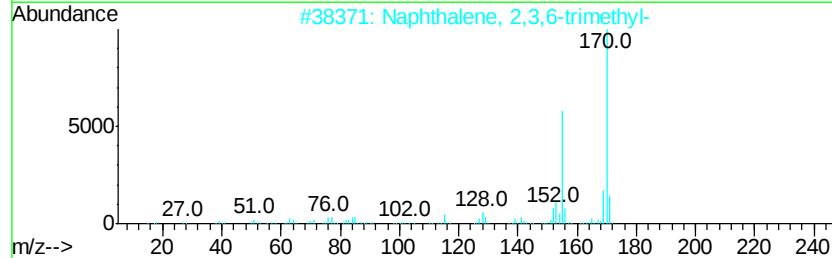
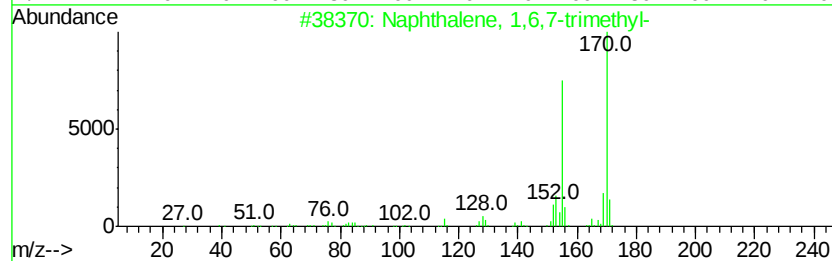
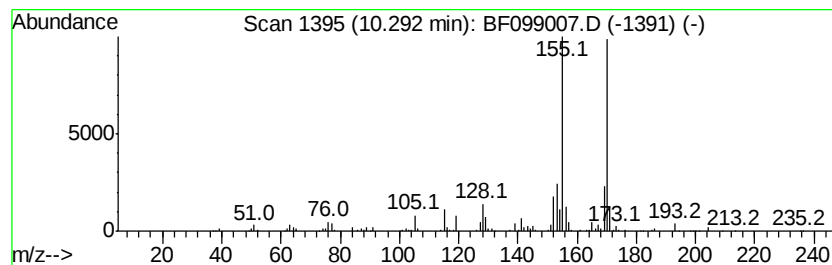
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 1,6,7-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.29	19.01 ng	2211670	Acenaphthene-d10	9.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
4		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	94
5		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100217\
Data File : BF099007.D
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Operator : SJ/JU
Sample : I5531-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

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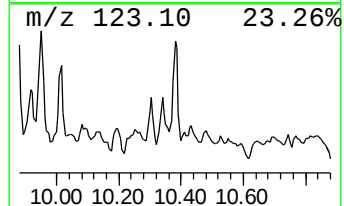
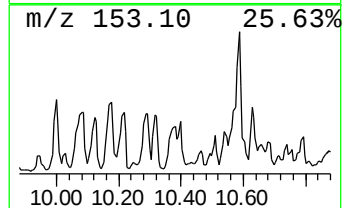
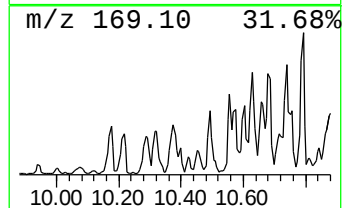
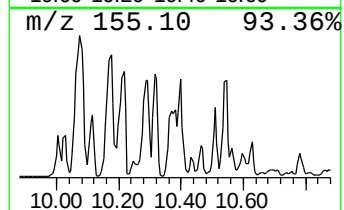
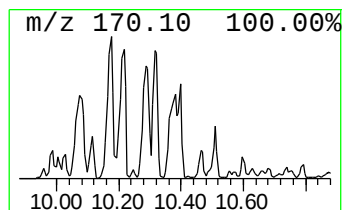
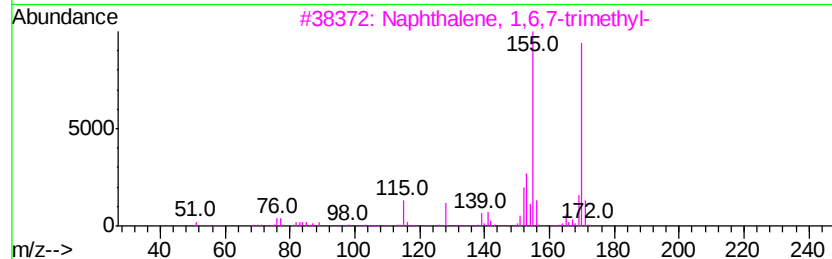
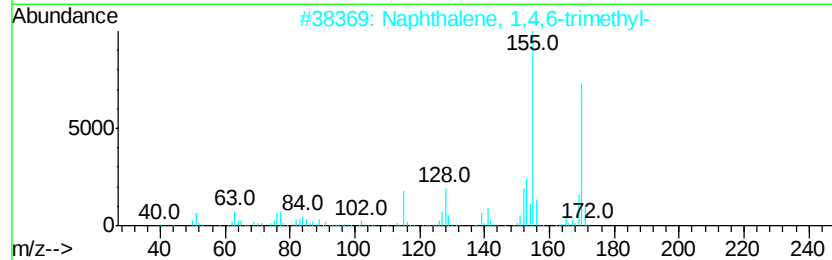
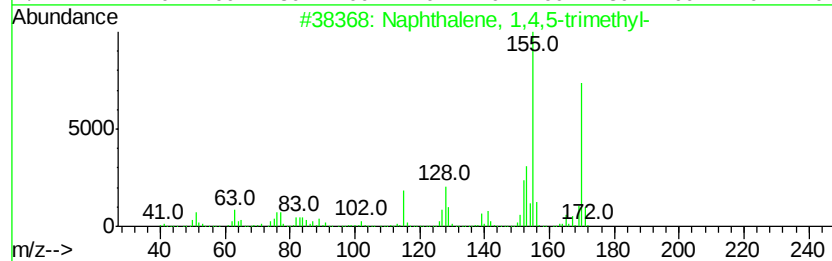
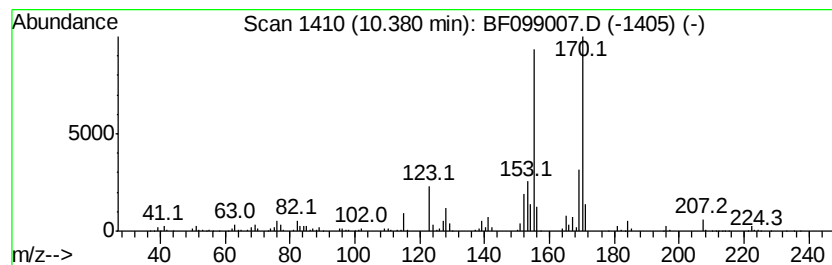
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 1,4,5-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	21.69 ng	2522470	Acenaphthene-d10	9.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
2		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
4		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
5		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100217\
Data File : BF099007.D
Acq On : 2 Oct 2017 18:43
Operator : SJ/JU
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Misc :
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Instrument :
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ClientSampleId :
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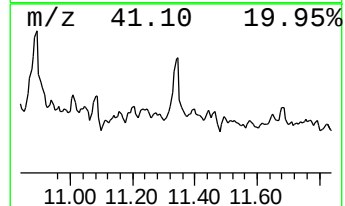
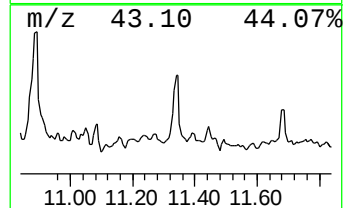
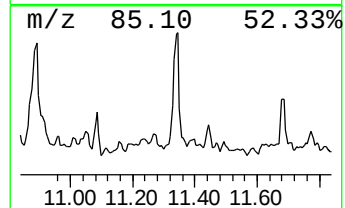
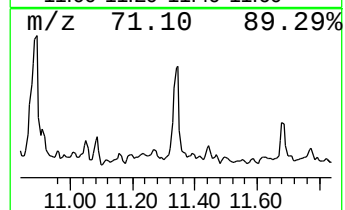
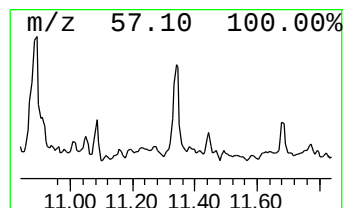
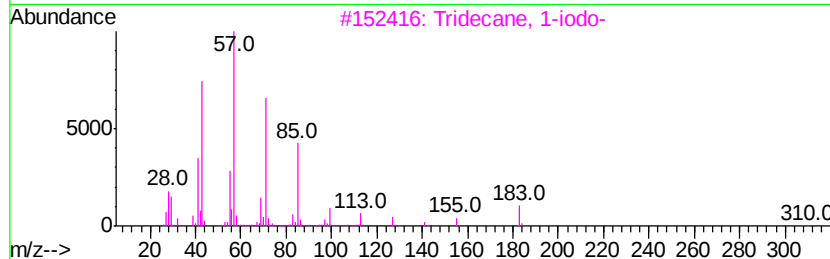
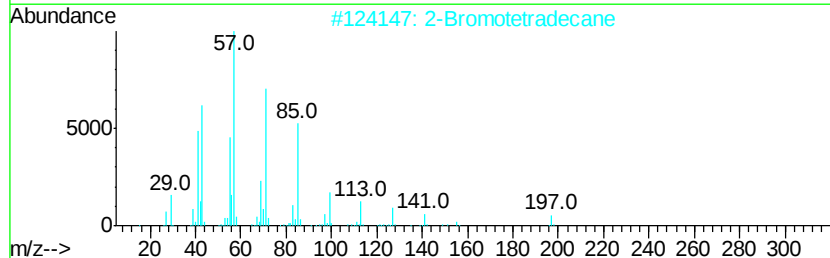
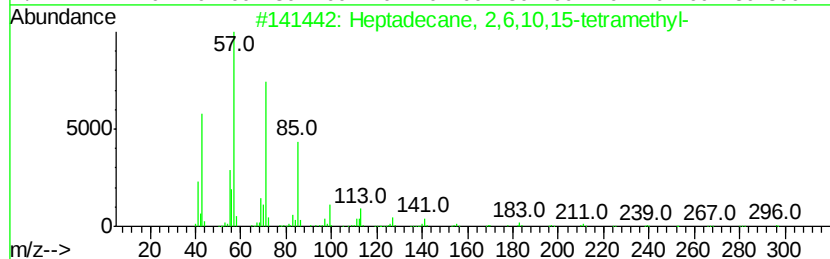
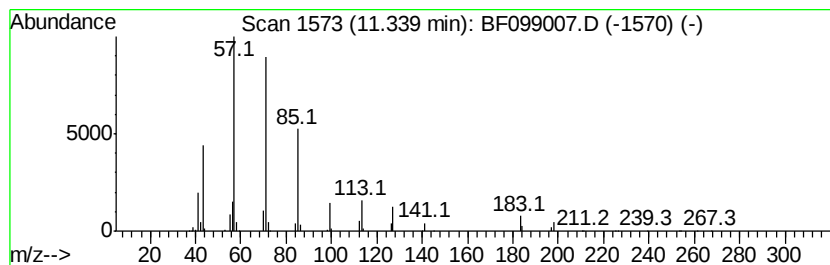
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heptadecane, 2,6,10,15-tetr... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	68.98 ng	3428810	Phenanthrene-d10	11.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
2		2-Bromotetradecane	276	C14H29Br	074036-95-6	86
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	78
4		Tetradecane	198	C14H30	000629-59-4	78
5		Hexacosane	366	C26H54	000630-01-3	78



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
Data File : BF099007.D
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ALS Vial : 11 Sample Multiplier: 1

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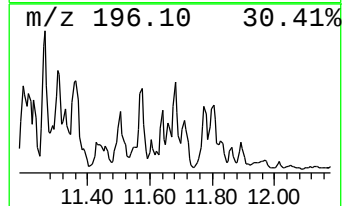
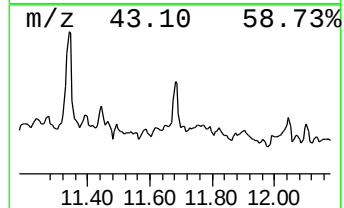
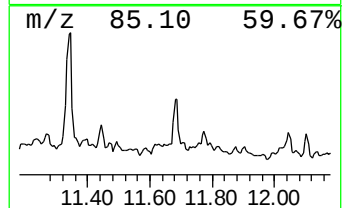
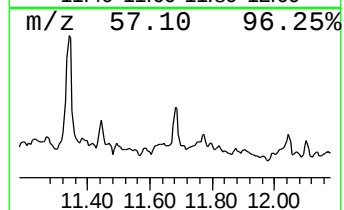
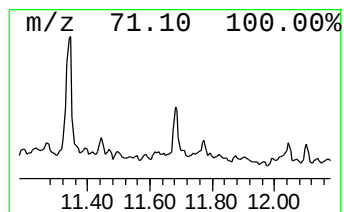
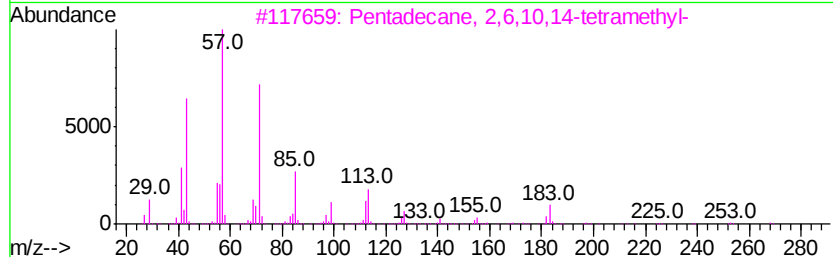
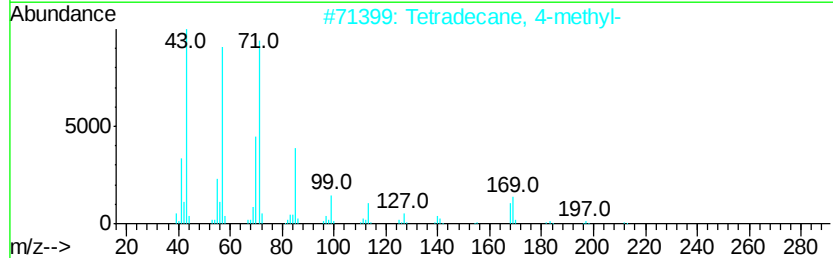
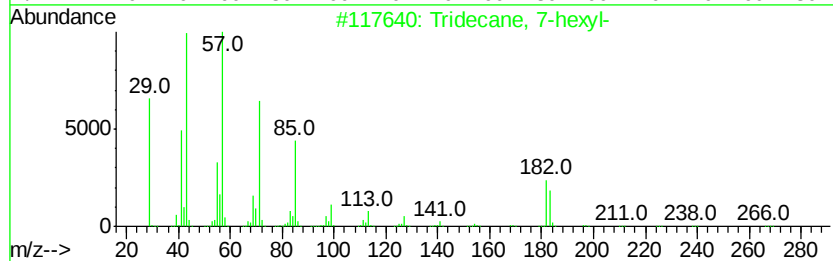
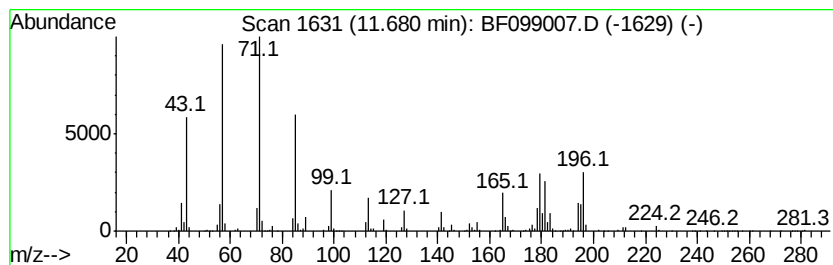
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Tridecane, 7-hexyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	22.96 ng	1141380	Phenanthrene-d10	11.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	60
2		Tetradecane, 4-methyl-	212	C15H32	025117-24-2	49
3		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	47
4		2-Bromotetradecane	276	C14H29Br	074036-95-6	46
5		Tetradecane, 3-methyl-	212	C15H32	018435-22-8	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100217\
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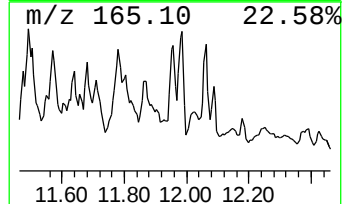
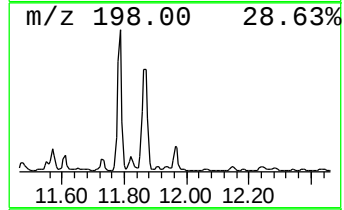
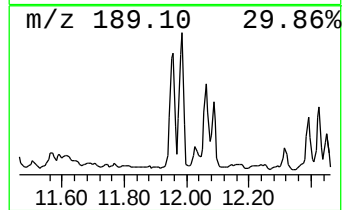
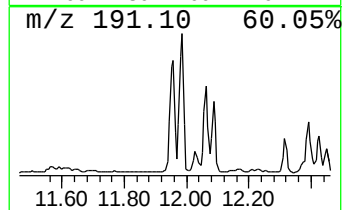
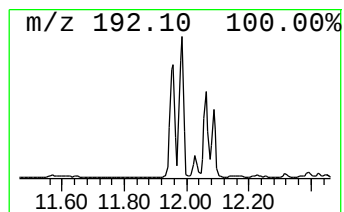
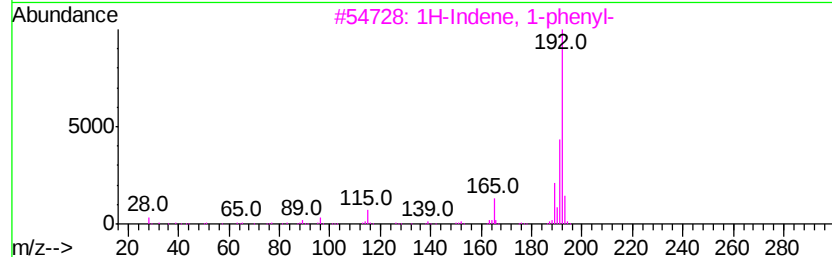
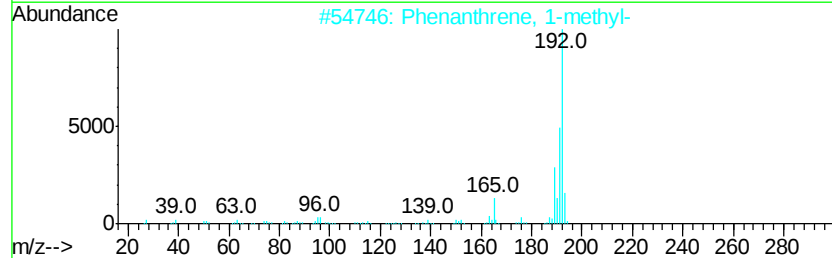
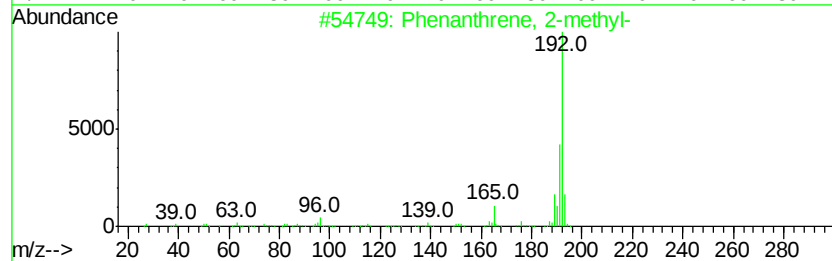
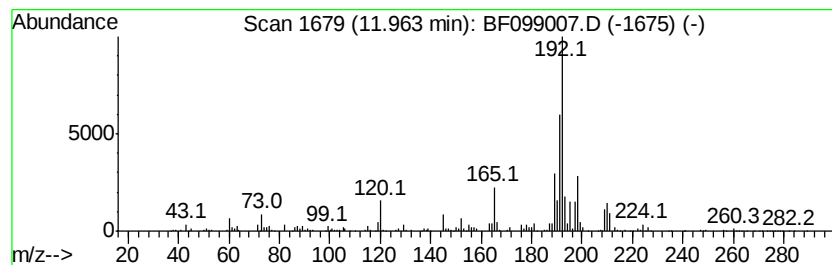
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	25.19 ng	1252050	Phenanthrene-d10	11.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3		1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5		1H-Cyclopropa[1]phenanthrene, 1a,...	192	C15H12	000949-41-7	93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
G-63A-0-3

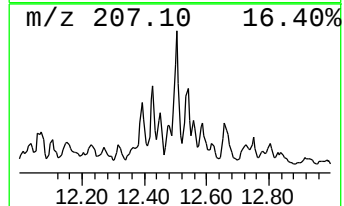
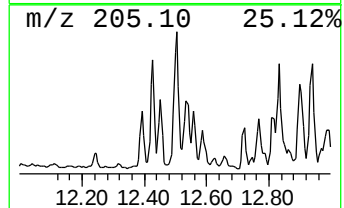
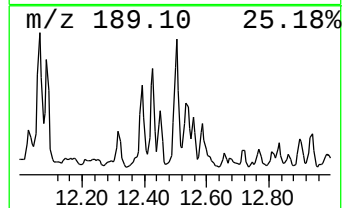
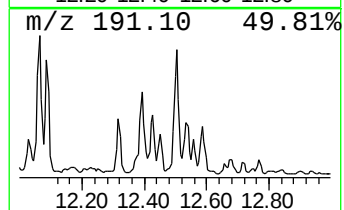
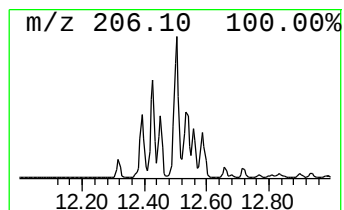
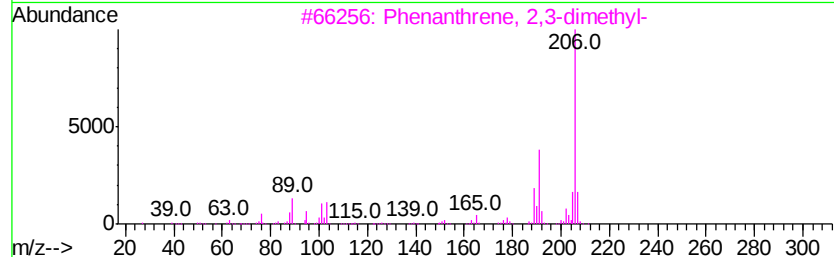
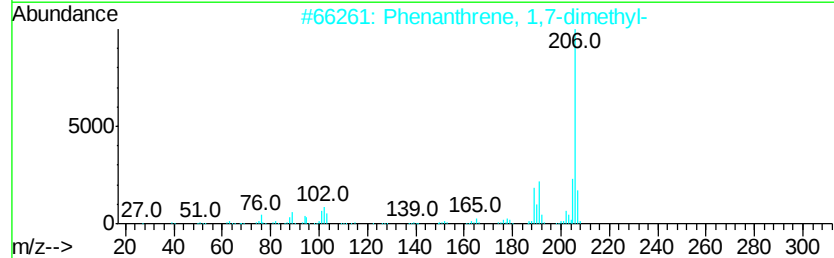
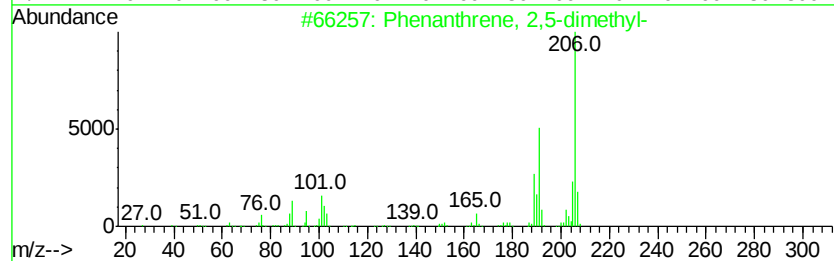
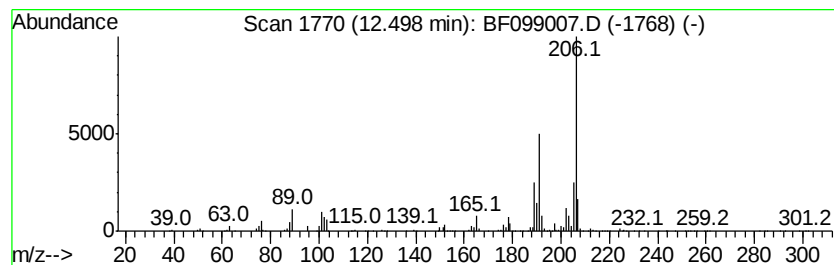
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Phenanthrene, 2,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	21.15 ng	1051610	Phenanthrene-d10	11.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
5			9,10-Dimethylantracene	206	C16H14	000781-43-1	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100217\
 Data File : BF099007.D
 Acq On : 2 Oct 2017 18:43
 Operator : SJ/JU
 Sample : I5531-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G-63A-0-3

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
unknown6.68	6.68	43.0	ng	4319940	1	6.90	2009290	20.0
Ethanone, 1-(2,5-...	7.55	20.0	ng	2005480	1	6.90	2009290	20.0
Tetracontane, 3,5...	7.60	22.2	ng	2302830	2	8.19	2071800	20.0
Benzene, 2-etheny...	7.93	17.6	ng	1824440	2	8.19	2071800	20.0
Undecane, 3,6-dim...	8.25	41.4	ng	4289290	2	8.19	2071800	20.0
Cyclohexane, hexyl-	8.49	27.5	ng	2845410	2	8.19	2071800	20.0
1H-Indene, 2,3-di...	8.58	18.2	ng	1887610	2	8.19	2071800	20.0
Octane, 2,6-dimet...	8.62	41.7	ng	4322490	2	8.19	2071800	20.0
Naphthalene, 2-me...	9.02	23.5	ng	2429800	2	8.19	2071800	20.0
3,5-Dimethyldodecane	9.37	20.9	ng	2428050	3	9.96	2326330	20.0
Naphthalene, 2,3,...	10.22	31.7	ng	3684190	3	9.96	2326330	20.0
Naphthalene, 1,6,...	10.29	19.0	ng	2211670	3	9.96	2326330	20.0
Naphthalene, 1,4,...	10.38	21.7	ng	2522470	3	9.96	2326330	20.0
Heptadecane, 2,6,...	11.34	69.0	ng	3428810	4	11.46	994211	20.0
Tridecane, 7-hexyl-	11.68	23.0	ng	1141380	4	11.46	994211	20.0
Phenanthrene, 2-m...	11.96	25.2	ng	1252050	4	11.46	994211	20.0
Phenanthrene, 2,5...	12.50	21.1	ng	1051610	4	11.46	994211	20.0