

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121319\
 Data File : BF118191.D
 Acq On : 13 Dec 2019 17:35
 Operator : JU
 Sample : K6265-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1A-S

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.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	2.116	3	5	19	rVB	250983	320872	9.48%	0.449%
2	3.563	238	251	258	rVB3	70165	143918	4.25%	0.202%
3	3.928	302	313	317	rBV	138859	217051	6.41%	0.304%
4	4.187	350	357	362	rBV2	143257	219966	6.50%	0.308%
5	4.334	376	382	386	rBV	102003	143941	4.25%	0.202%
6	4.387	386	391	395	rVB	126218	206366	6.10%	0.289%
7	4.522	407	414	421	rBV2	341171	491909	14.53%	0.689%
8	4.816	460	464	468	rBV	208330	219687	6.49%	0.308%
9	4.922	474	482	488	rVB	457404	579293	17.12%	0.811%
10	5.004	488	496	504	rBV3	515049	854000	25.23%	1.196%
11	5.081	504	509	513	rBV2	1830200	2070123	61.17%	2.900%
12	5.146	513	520	523	rVB3	242473	466811	13.79%	0.654%
13	5.210	528	531	537	rVB	316215	322521	9.53%	0.452%
14	5.281	537	543	546	rBV2	952481	1121663	33.14%	1.571%
15	5.310	546	548	552	rVB3	200645	256696	7.58%	0.360%
16	5.434	566	569	572	rVB2	140220	146723	4.34%	0.206%
17	5.487	573	578	581	rBV	1839797	1784686	52.73%	2.500%
18	5.557	587	590	593	rBV	398982	413207	12.21%	0.579%
19	5.640	600	604	609	rVV2	764931	1230519	36.36%	1.724%
20	5.681	609	611	614	rVV	820633	753734	22.27%	1.056%
21	5.728	614	619	625	rVB2	629900	1001405	29.59%	1.403%
22	5.793	625	630	634	rBV	350405	323854	9.57%	0.454%
23	5.893	641	647	650	rVB3	901812	1284272	37.95%	1.799%
24	5.940	650	655	658	rBV4	465264	727853	21.51%	1.020%
25	5.998	662	665	666	rVV2	144914	172040	5.08%	0.241%
26	6.028	666	670	674	rVB3	1187614	1459308	43.12%	2.044%
27	6.069	674	677	680	rBV2	390087	491441	14.52%	0.688%
28	6.116	680	685	692	rVV3	2032659	3046525	90.02%	4.268%
29	6.175	692	695	697	rVV	1040836	918409	27.14%	1.287%
30	6.210	697	701	703	rVV4	329405	448493	13.25%	0.628%
31	6.234	703	705	707	rVV	353846	264886	7.83%	0.371%
32	6.257	707	709	712	rVB2	282062	251652	7.44%	0.353%
33	6.304	712	717	720	rBV2	926392	1189107	35.14%	1.666%
34	6.345	720	724	726	rBV4	135406	150190	4.44%	0.210%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	6.363	726	727	730	rVB2	224615	170013	5.02%	0.238%
36	6.404	730	734	740	rBV4	1567008	2163651	63.93%	3.031%
37	6.498	745	750	752	rBV	2016687	1927439	56.95%	2.700%
38	6.516	752	753	755	rVV	444667	291043	8.60%	0.408%
39	6.540	755	757	760	rVB	599979	482939	14.27%	0.677%
40	6.569	760	762	764	rBV	371658	258501	7.64%	0.362%
41	6.610	764	769	770	rBV2	661060	980812	28.98%	1.374%
42	6.640	770	774	781	rVB	2667510	3384378	100.00%	4.741%
43	6.710	781	786	787	rBV3	394043	481623	14.23%	0.675%
44	6.728	787	789	792	rVB	460275	380525	11.24%	0.533%
45	6.757	792	794	796	rBV2	189259	172463	5.10%	0.242%
46	6.834	804	807	809	rBV3	308944	280844	8.30%	0.393%
47	6.881	809	815	818	rVB2	1783416	2359313	69.71%	3.305%
48	6.928	819	823	825	rVB3	415495	426116	12.59%	0.597%
49	6.963	825	829	830	rBV2	378351	405354	11.98%	0.568%
50	6.981	830	832	835	rVB2	451553	393088	11.61%	0.551%
51	7.022	835	839	842	rBV2	2124501	2778874	82.11%	3.893%
52	7.051	842	844	846	rVB	456713	325949	9.63%	0.457%
53	7.098	849	852	854	rBV2	418487	405968	12.00%	0.569%
54	7.140	854	859	862	rVB3	1154454	1277634	37.75%	1.790%
55	7.175	862	865	868	rVB2	454505	407973	12.05%	0.571%
56	7.216	869	872	874	rBV2	252832	210541	6.22%	0.295%
57	7.263	877	880	883	rVB2	614470	547682	16.18%	0.767%
58	7.292	883	885	890	rVB5	361187	469093	13.86%	0.657%
59	7.345	891	894	897	rBV2	187312	244152	7.21%	0.342%
60	7.392	899	902	906	rBV3	612775	1047169	30.94%	1.467%
61	7.428	906	908	910	rBV	876159	686280	20.28%	0.961%
62	7.516	918	923	926	rBV4	737693	1119388	33.08%	1.568%
63	7.575	926	933	935	rBV3	556109	1032410	30.51%	1.446%
64	7.622	939	941	943	rVV2	353734	348699	10.30%	0.488%
65	7.651	943	946	948	rVV	805759	805449	23.80%	1.128%
66	7.675	948	950	953	rVV2	639514	659360	19.48%	0.924%
67	7.751	960	963	964	rVV2	405251	407504	12.04%	0.571%
68	7.769	964	966	968	rVV	672114	657215	19.42%	0.921%
69	7.792	968	970	974	rVV3	780250	733506	21.67%	1.028%
70	7.828	974	976	980	rVV2	531753	617581	18.25%	0.865%
71	7.863	980	982	985	rVB2	314220	293996	8.69%	0.412%

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72	7.910	985	990	993	rBV4	277226	386124	11.41%	0.541%
73	7.975	998	1001	1006	rVB4	201227	259620	7.67%	0.364%
74	8.028	1006	1010	1012	rBV2	213287	241964	7.15%	0.339%
75	8.057	1012	1015	1017	rBV3	206892	171933	5.08%	0.241%
76	8.092	1018	1021	1022	rVV3	238755	279179	8.25%	0.391%
77	8.157	1026	1032	1034	rVV	964320	1230681	36.36%	1.724%
78	8.210	1038	1041	1044	rVB	1210646	1157389	34.20%	1.621%
79	8.239	1044	1046	1049	rBV3	292397	298586	8.82%	0.418%
80	8.304	1054	1057	1059	rBV3	171630	186037	5.50%	0.261%
81	8.328	1059	1061	1063	rVV2	161059	150952	4.46%	0.211%
82	8.357	1064	1066	1068	rVV	335479	268050	7.92%	0.375%
83	8.445	1077	1081	1085	rVV4	667978	760594	22.47%	1.065%
84	8.498	1088	1090	1093	rVB3	193763	182656	5.40%	0.256%
85	8.528	1093	1095	1099	rVB4	165820	184059	5.44%	0.258%
86	8.575	1099	1103	1105	rBV	687985	607060	17.94%	0.850%
87	8.698	1120	1124	1126	rVV4	194984	222485	6.57%	0.312%
88	8.839	1145	1148	1151	rVB4	295328	327559	9.68%	0.459%
89	9.063	1183	1186	1190	rVV5	167117	245425	7.25%	0.344%
90	9.175	1202	1205	1210	rVB2	412876	383758	11.34%	0.538%
91	9.228	1210	1214	1219	rBV	2276059	2080162	61.46%	2.914%
92	9.628	1278	1282	1285	rVV3	395324	433521	12.81%	0.607%
93	9.916	1327	1331	1335	rVV	979584	928652	27.44%	1.301%
94	10.704	1462	1465	1476	rVB	1710302	1606094	47.46%	2.250%
95	11.404	1581	1584	1588	rBV	1121072	1005428	29.71%	1.408%
96	11.927	1668	1673	1680	rBV	334811	332812	9.83%	0.466%
97	12.992	1851	1854	1858	rBV	2321494	2201771	65.06%	3.084%
98	13.886	2002	2006	2013	rBV	314459	328362	9.70%	0.460%
99	14.057	2031	2035	2043	rBV	837525	813879	24.05%	1.140%
100	15.551	2284	2289	2302	rBV	525371	784801	23.19%	1.099%

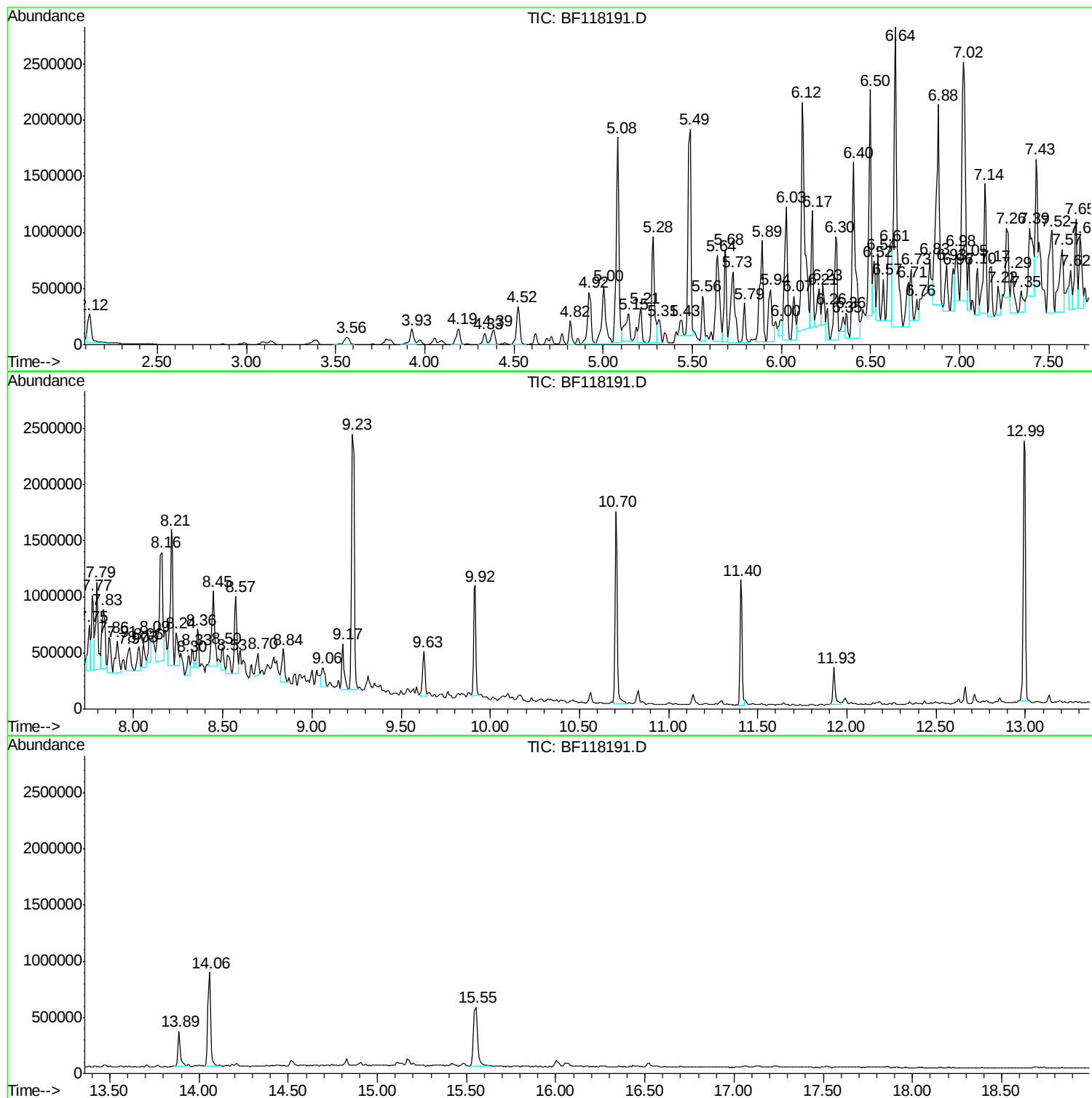
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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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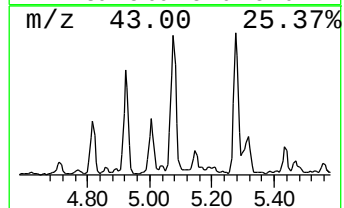
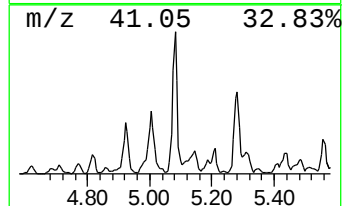
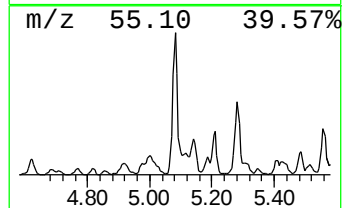
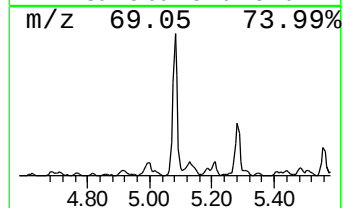
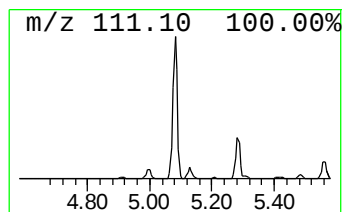
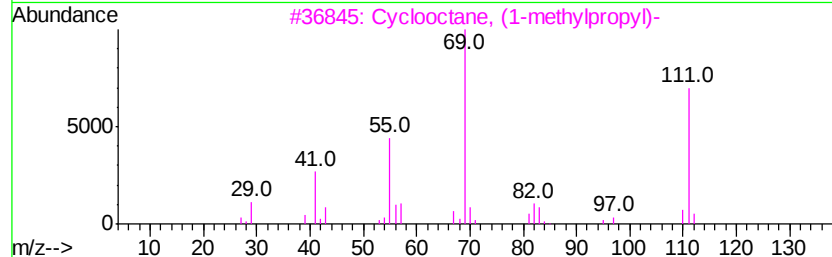
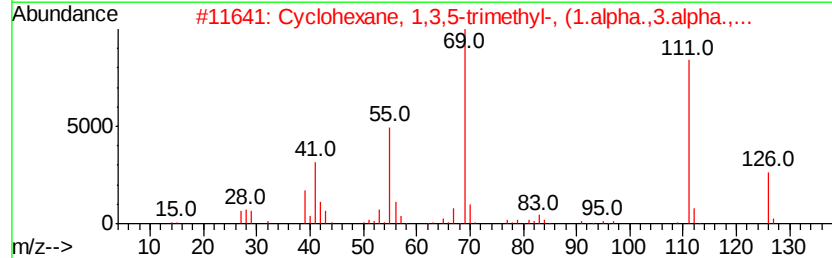
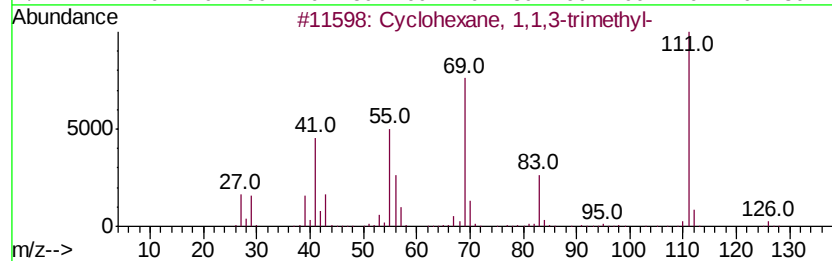
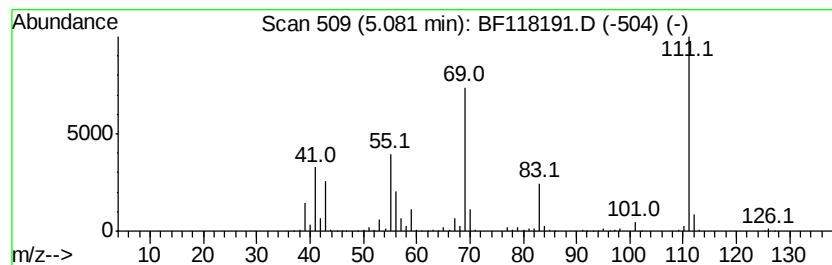
Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
5.08	17.55 ng	2070120	1,4-Dichlorobenzene-d4	6.87	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cvclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	86
2	Cvclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-27-3	59
3	Cvclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	59
4	Cvclopentane, 1,1,3-trimethyl-3-...	166	C12H22	074421-09-3	53
5	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	50



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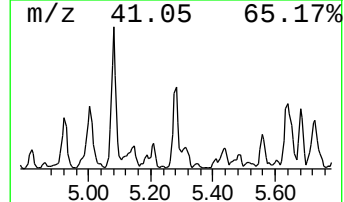
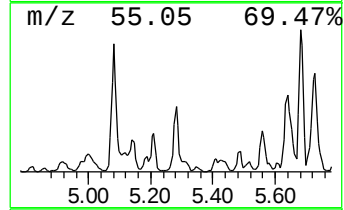
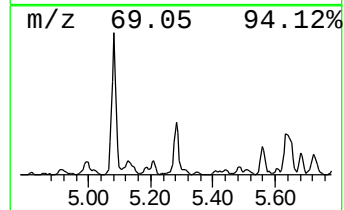
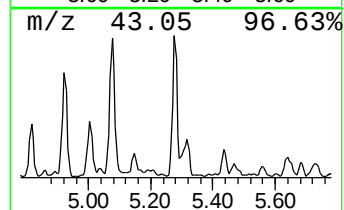
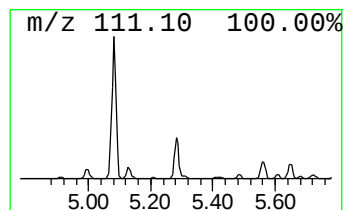
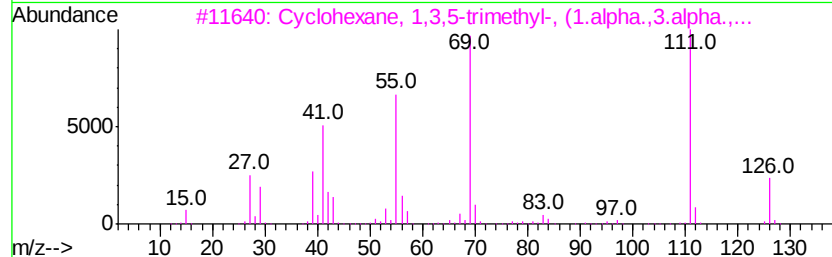
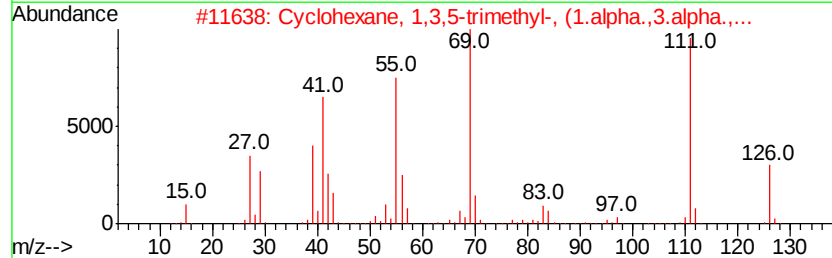
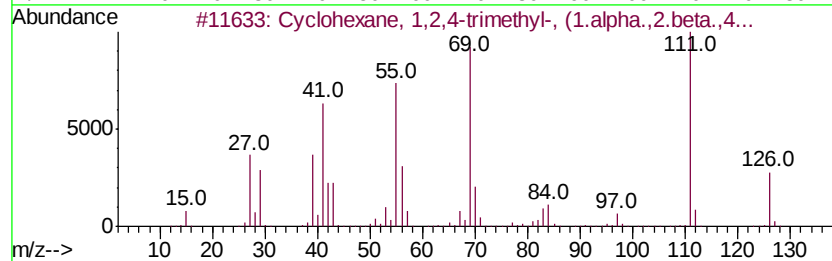
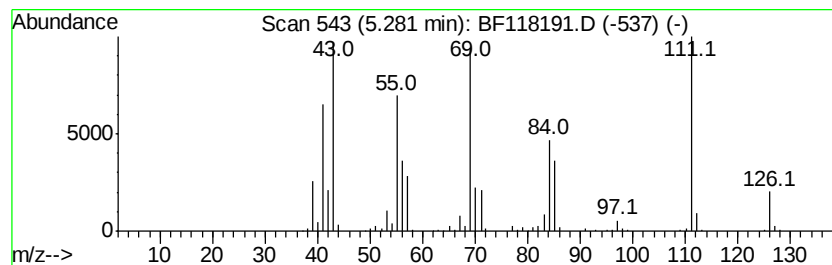
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Cyclohexane, 1,2,4-trimethy... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.28	9.51 ng	1121660	1,4-Dichlorobenzene-d4	6.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	76
2			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	55
3			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	52
4			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	52
5			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	49



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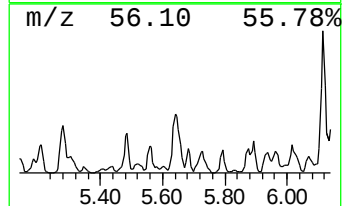
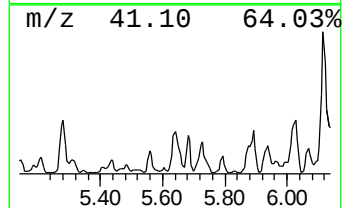
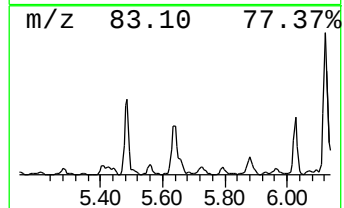
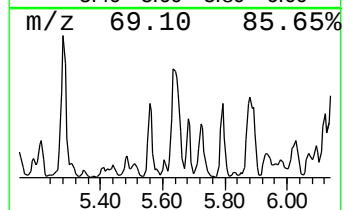
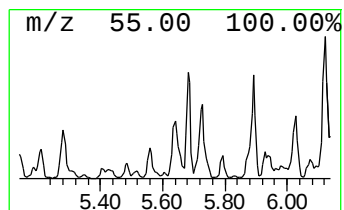
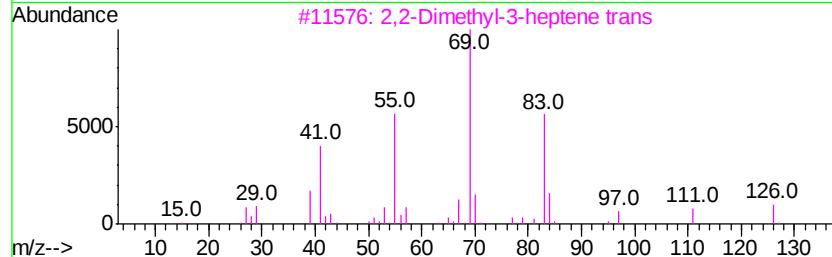
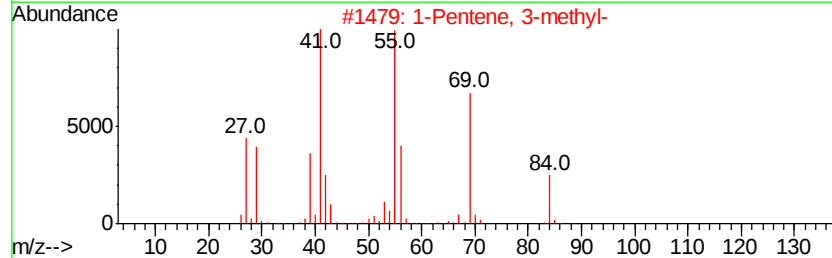
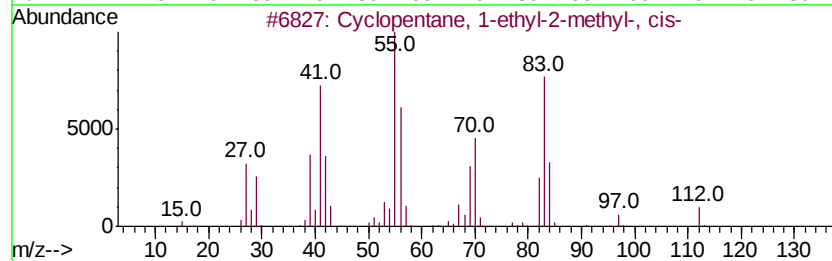
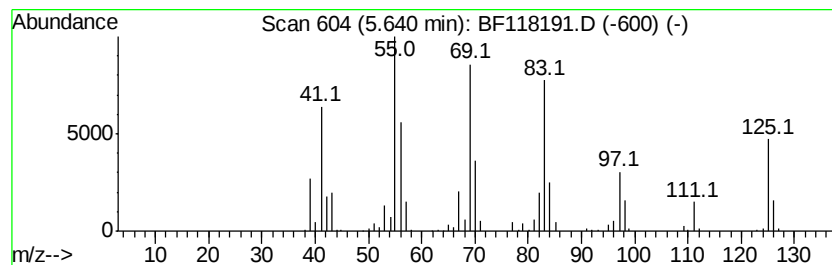
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Cyclopentane, 1-ethyl-2-met... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.64	10.43 ng	1230520	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	50
2		1-Pentene, 3-methyl-	84	C6H12	000760-20-3	38
3		2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	38
4		Cyclopropane, 1-ethyl-1-methyl-	84	C6H12	053778-43-1	38
5		Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	38



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Data File : BF118191.D
Acq On : 13 Dec 2019 17:35
Operator : JU
Sample : K6265-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

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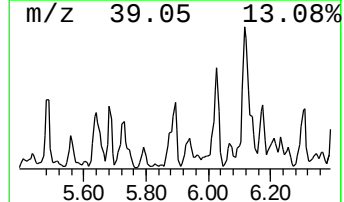
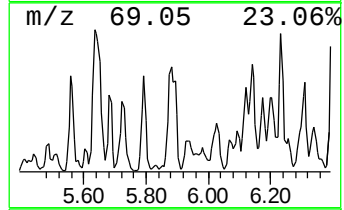
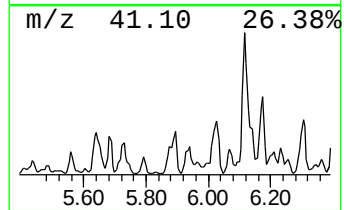
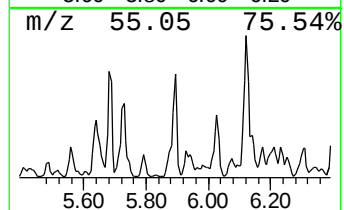
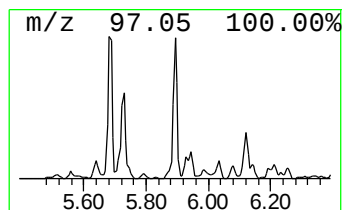
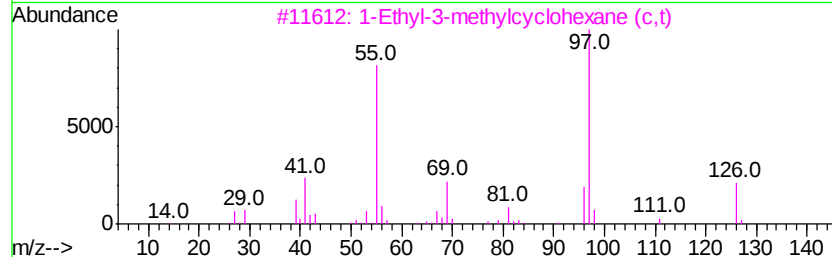
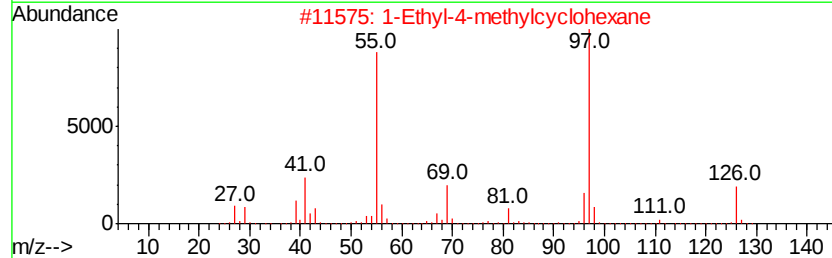
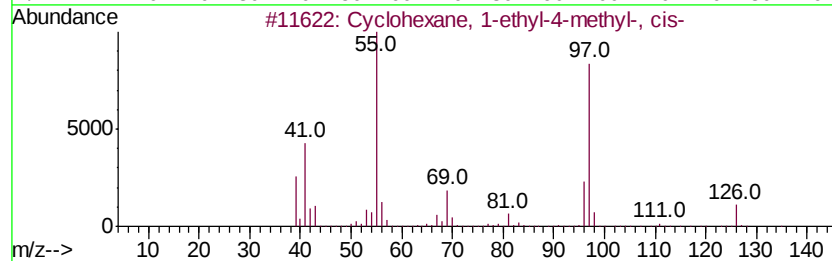
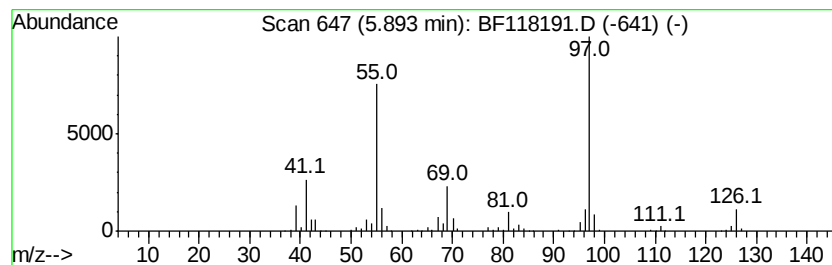
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Cyclohexane, 1-ethyl-4-meth... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.89	10.89 ng	1284270	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	87
2		1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	87
3		1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	87
4		Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	87
5		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	87



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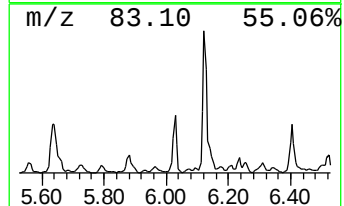
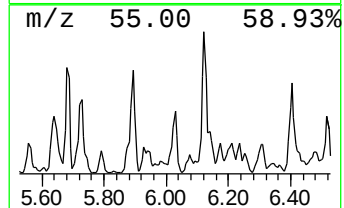
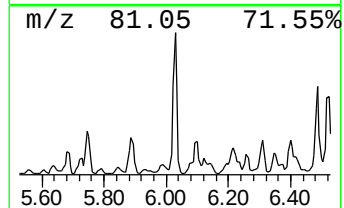
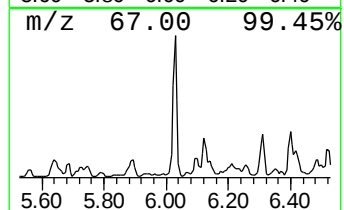
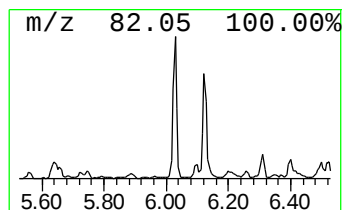
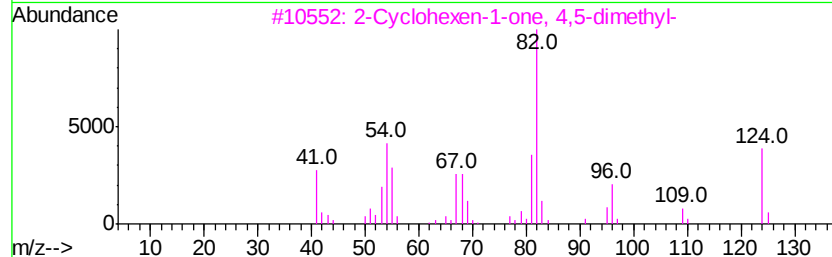
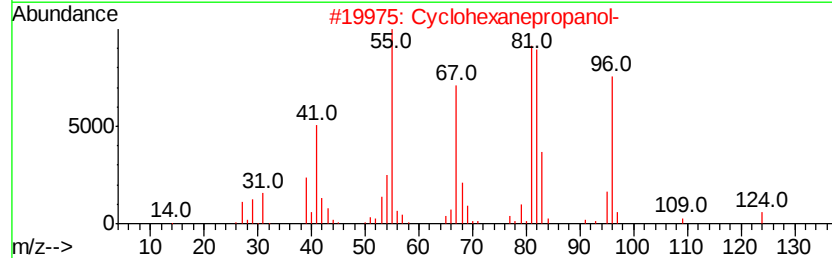
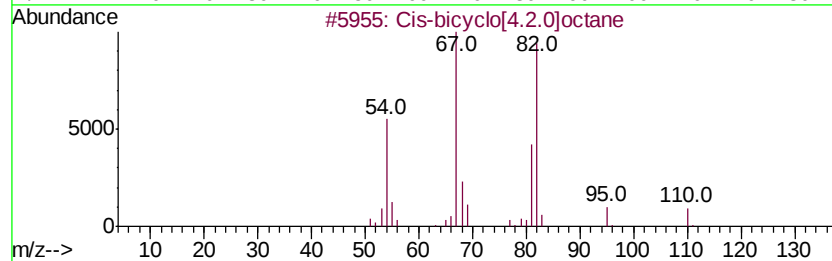
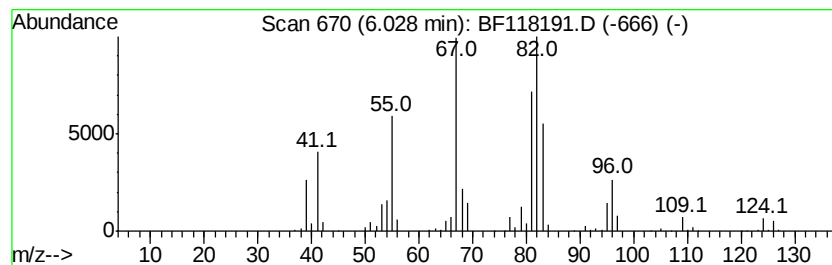
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Cis-bicyclo[4.2.0]octane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.03	12.37 ng	1459310	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cis-bicyclo[4.2.0]octane	110	C8H14	028282-35-1	58
2		Cyclohexanepropanol-	142	C9H18O	001124-63-6	58
3		2-Cyclohexen-1-one, 4,5-dimethyl-	124	C8H12O	005715-25-3	53
4		Bicyclo[3.1.0]hexane	82	C6H10	000285-58-5	47
5		Vinylcyclopentane	96	C7H12	003742-34-5	38



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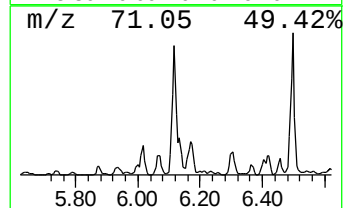
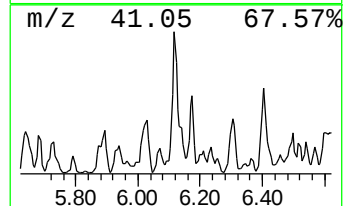
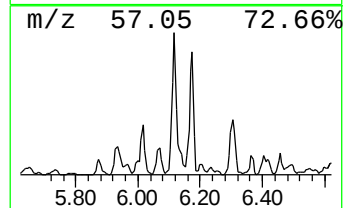
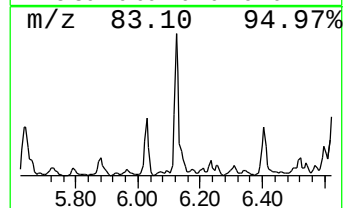
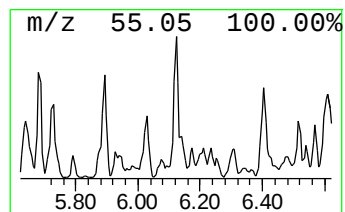
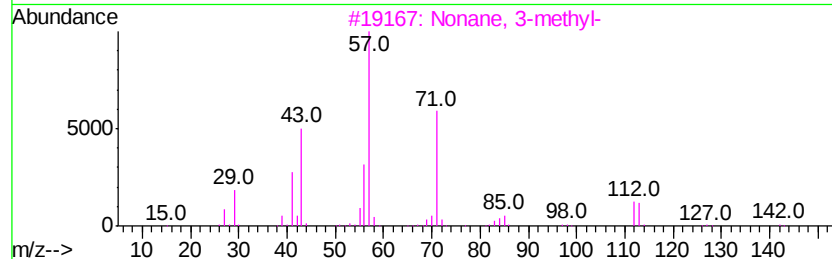
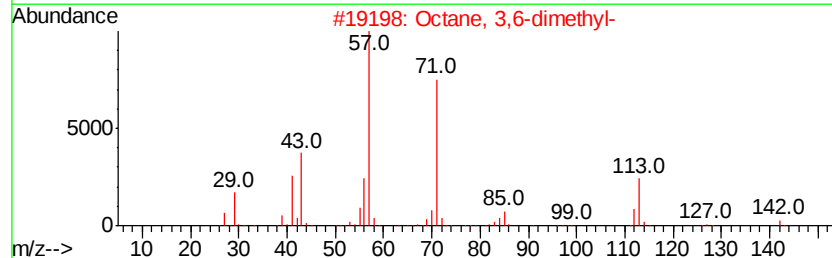
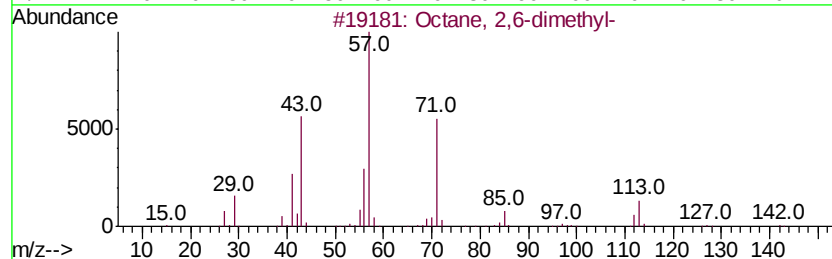
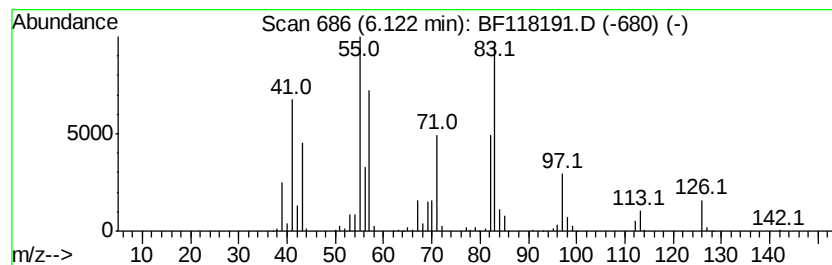
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.12	25.83 ng	3046530	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	76
2		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	76
3		Nonane, 3-methyl-	142	C10H22	005911-04-6	62
4		Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	53
5		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	47



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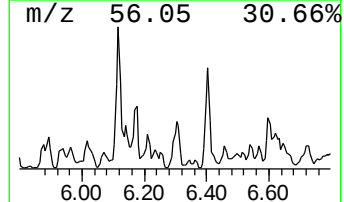
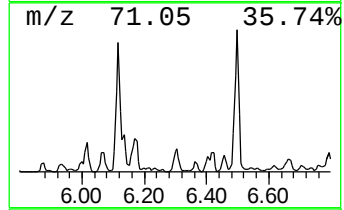
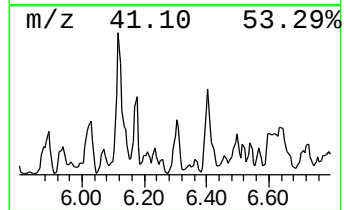
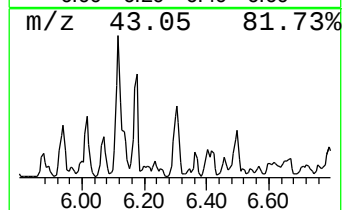
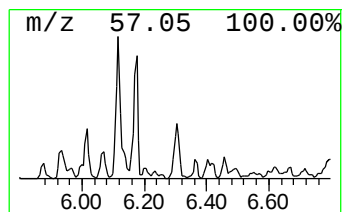
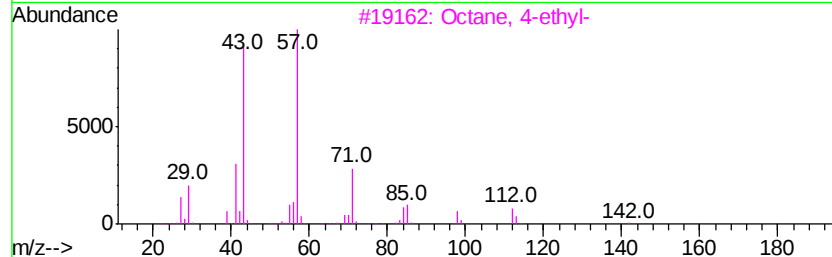
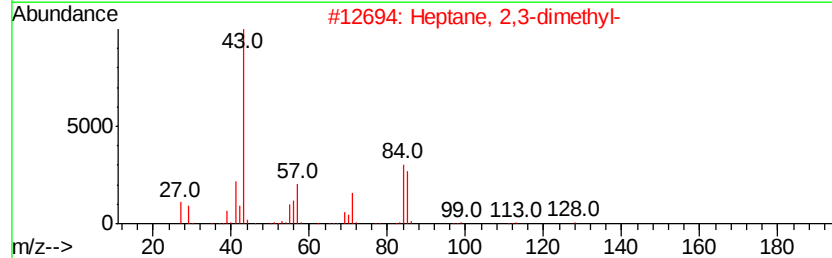
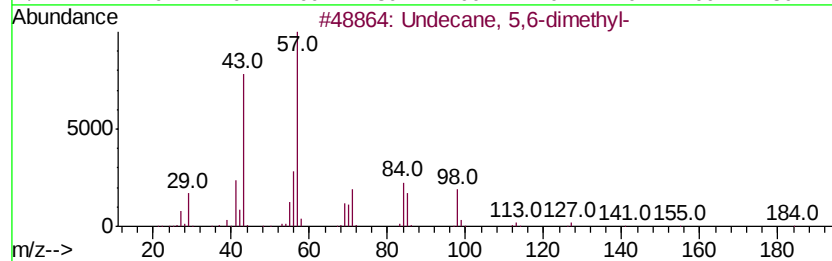
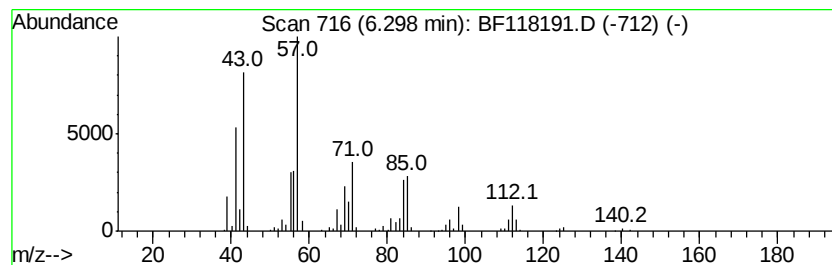
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Undecane, 5,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	10.08 ng	1189110	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	50
2		Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	43
3		Octane, 4-ethyl-	142	C10H22	015869-86-0	35
4		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	35
5		Oxalic acid, 6-ethyloct-3-yl eth...	258	C14H26O4	1000309-33-9	27



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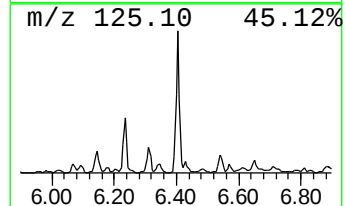
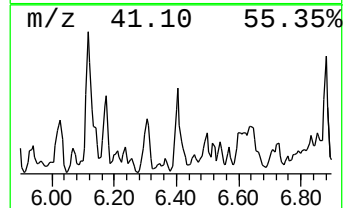
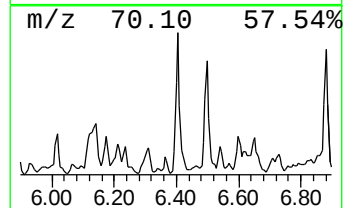
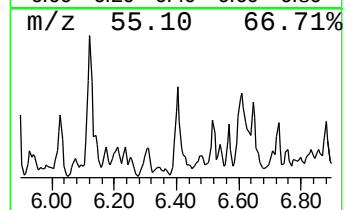
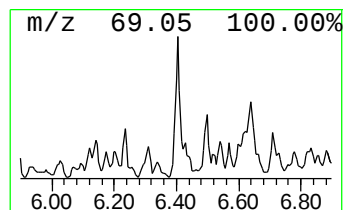
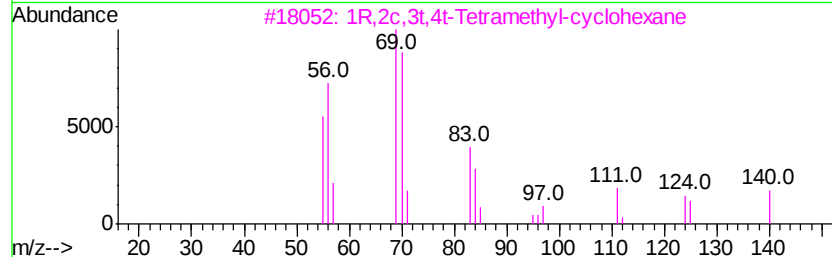
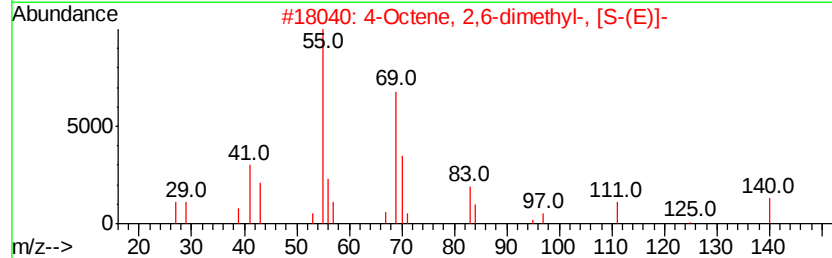
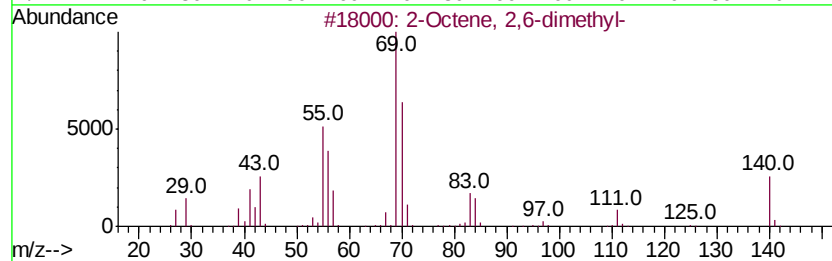
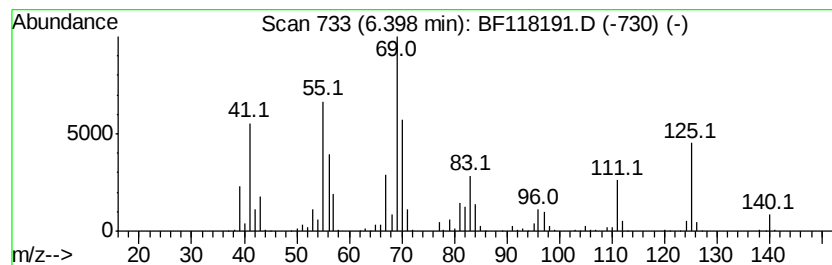
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 2-Octene, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	18.34 ng	2163650	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	70
2		4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	70
3		1R,2c,3t,4t-Tetramethyl-cyclohexane	140	C10H20	1000144-07-3	49
4		Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	46
5		3-Octene, 2,6-dimethyl-	140	C10H20	006874-28-8	46



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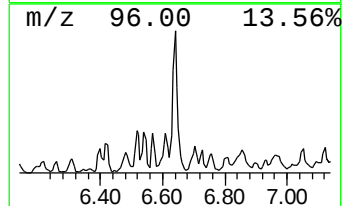
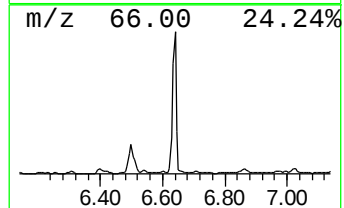
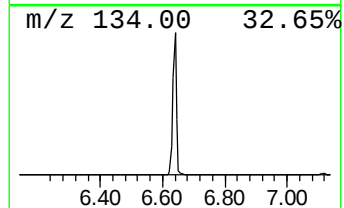
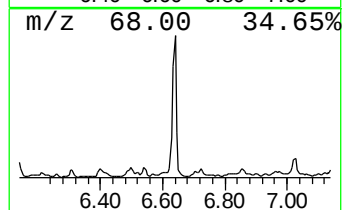
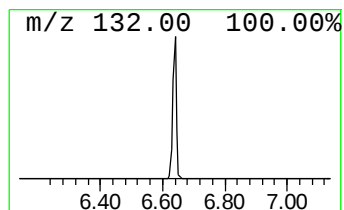
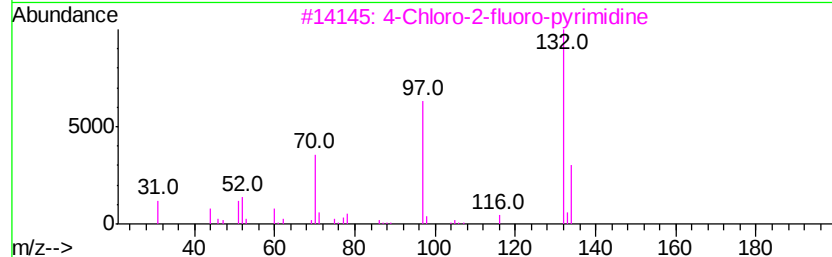
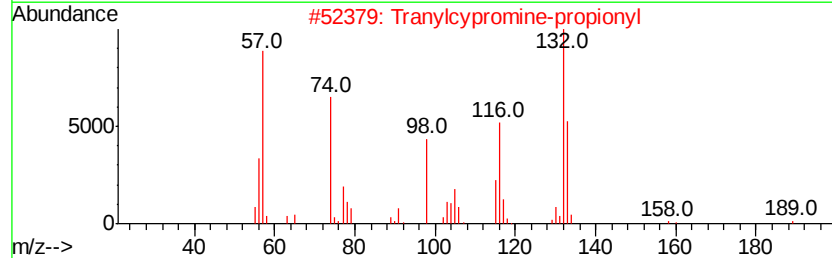
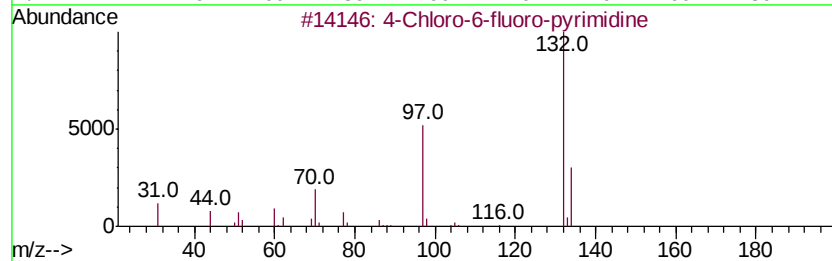
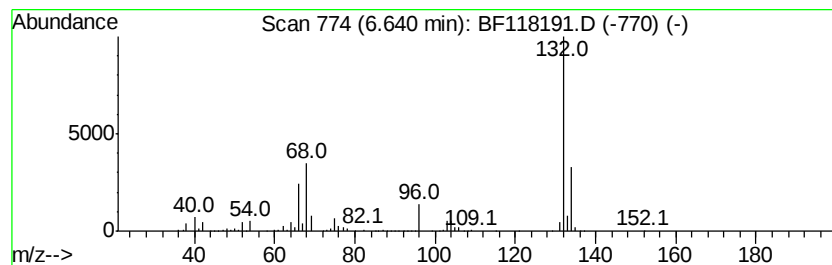
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown6.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	28.69 ng	3384380	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	17
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
3		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9



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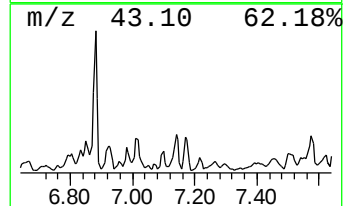
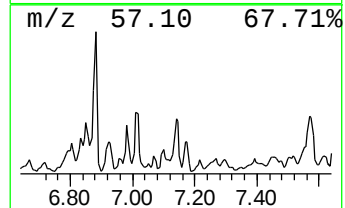
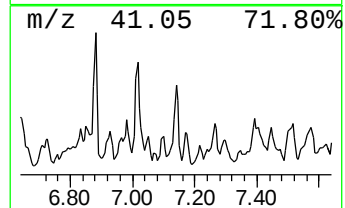
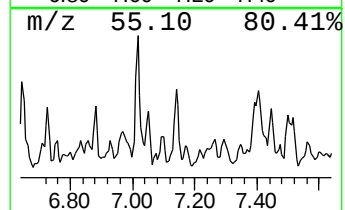
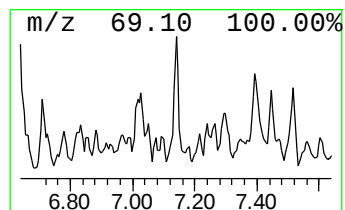
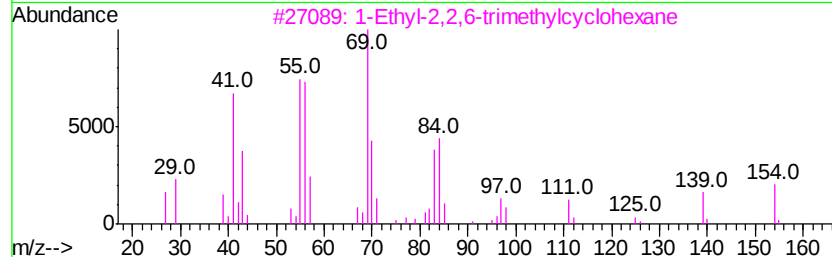
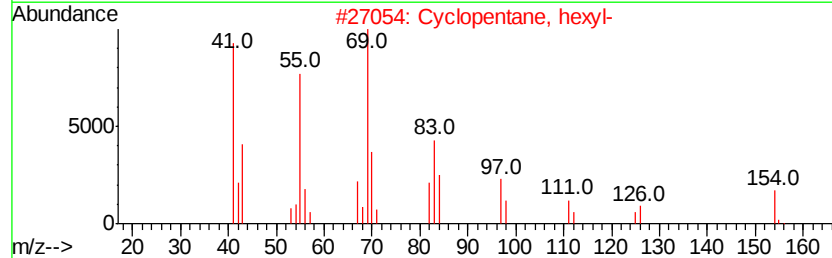
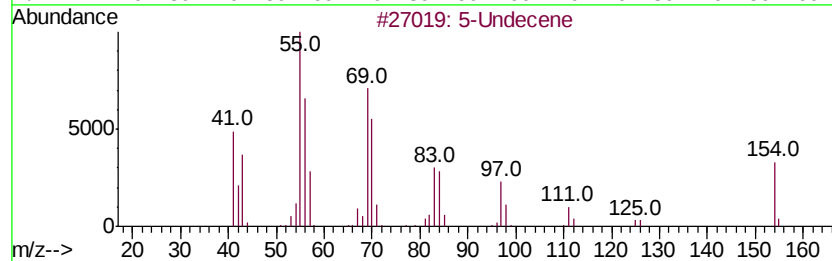
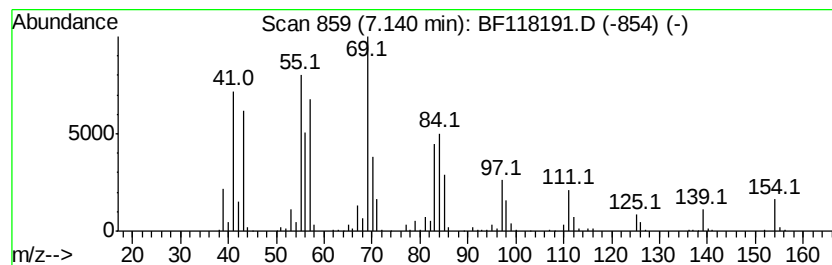
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 5-Undecene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.14	10.83 ng	1277630	1,4-Dichlorobenzene-d4	6.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Undecene	154	C11H22	004941-53-1	58
2			Cyclopentane, hexyl-	154	C11H22	004457-00-5	58
3			1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	58
4			Cyclopentane, 1-methyl-2-propyl-	126	C9H18	003728-57-2	50
5			1-Dodecanol	186	C12H26O	000112-53-8	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121319\
Data File : BF118191.D
Acq On : 13 Dec 2019 17:35
Operator : JU
Sample : K6265-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
TP-1A-S

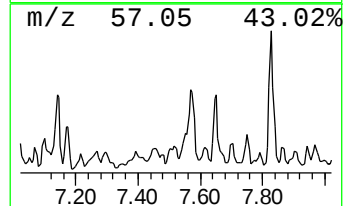
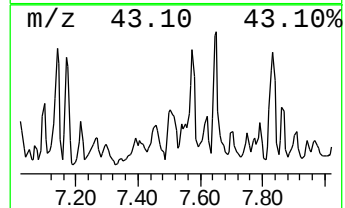
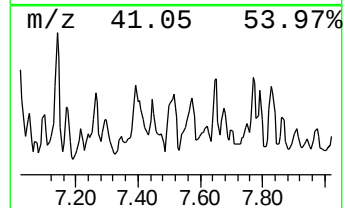
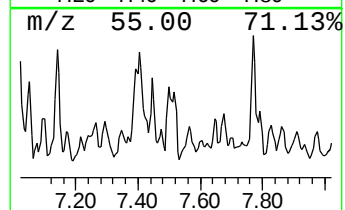
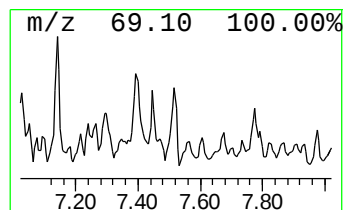
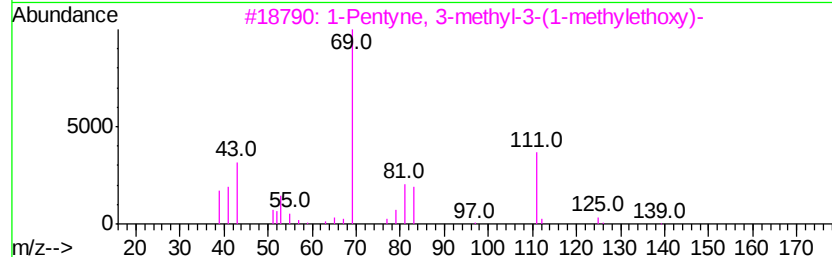
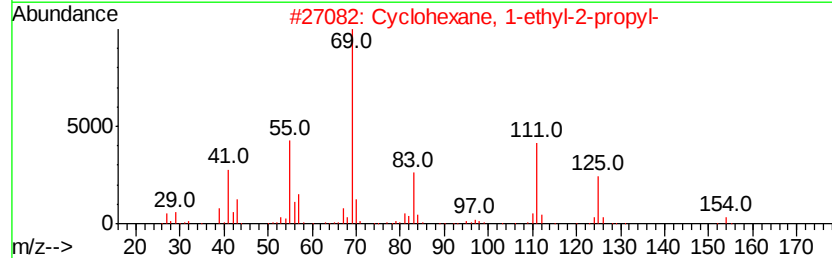
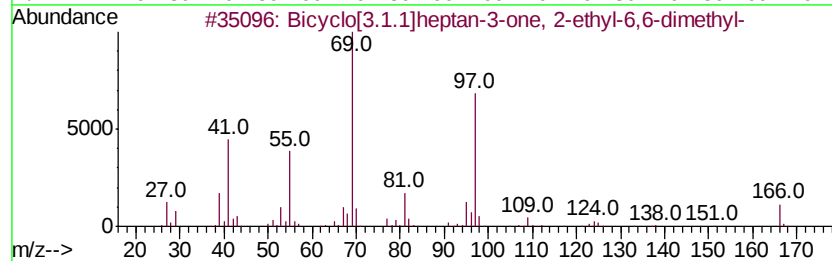
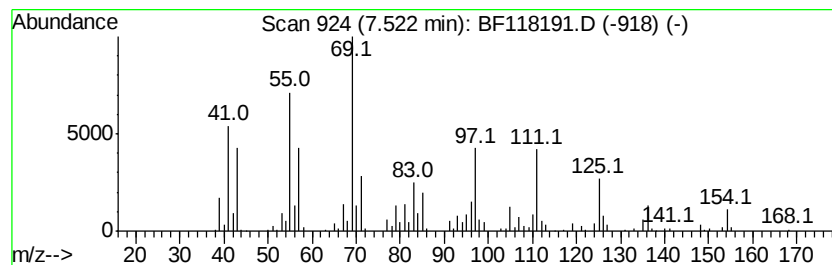
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown7.52 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.52	18.19 ng	1119390	Naphthalene-d8	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[3.1.1]heptan-3-one, 2-ethyl-6,6-dimethyl-	166	C11H18O	1000163-95-8	43
2		Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	38
3		1-Pentyne, 3-methyl-3-(1-methylethoxy)-	140	C9H16O	053966-55-5	27
4		Methanone, dicyclopropyl-	110	C7H10O	001121-37-5	25
5		6-Methyl-1,5-heptadiene	110	C8H14	007270-50-0	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121319\
Data File : BF118191.D
Acq On : 13 Dec 2019 17:35
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Misc :
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ClientSampleId :
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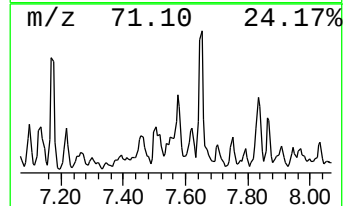
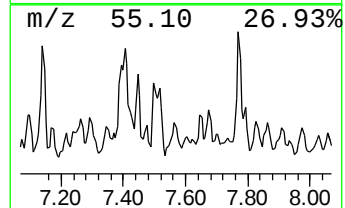
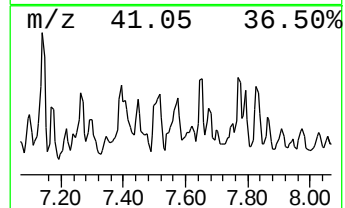
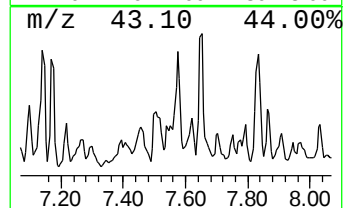
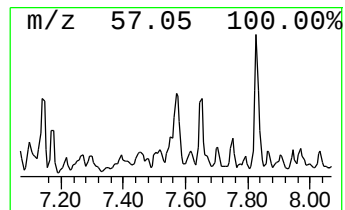
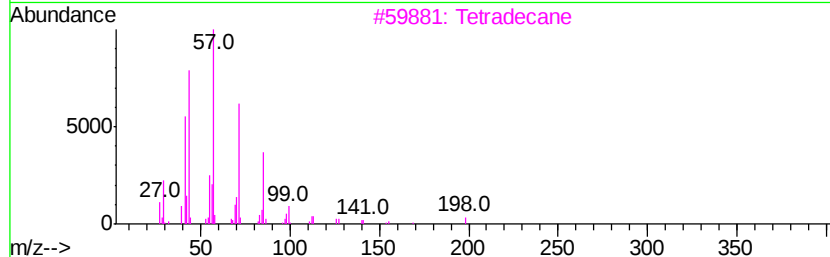
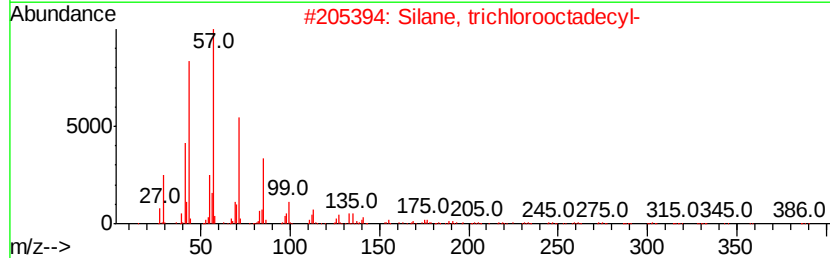
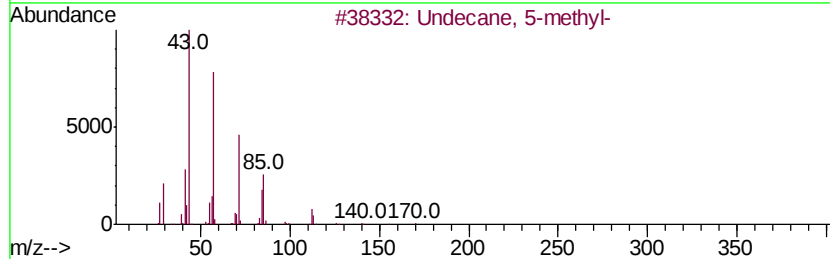
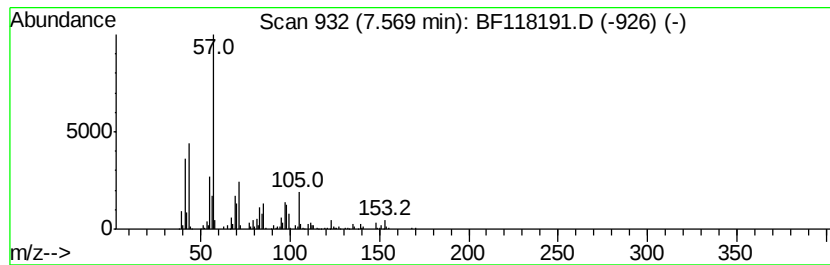
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Undecane, 5-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	16.78 ng	1032410	Naphthalene-d8	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 5-methyl-	170	C12H26	001632-70-8	81
2		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	59
3		Tetradecane	198	C14H30	000629-59-4	53
4		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	52
5		Tridecane	184	C13H28	000629-50-5	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121319\
Data File : BF118191.D
Acq On : 13 Dec 2019 17:35
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Misc :
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Instrument :
BNA_F
ClientSampleId :
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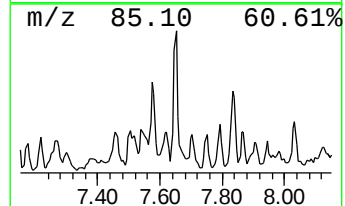
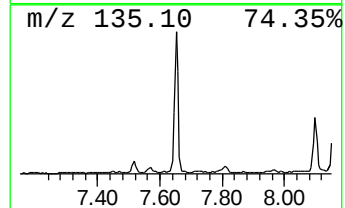
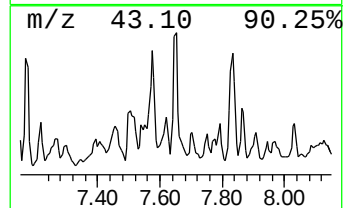
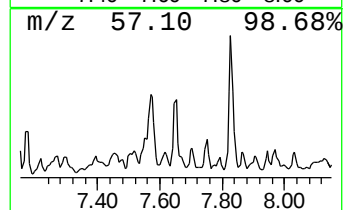
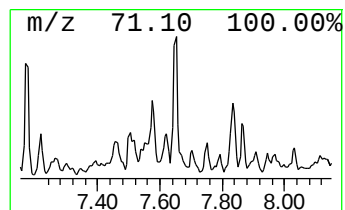
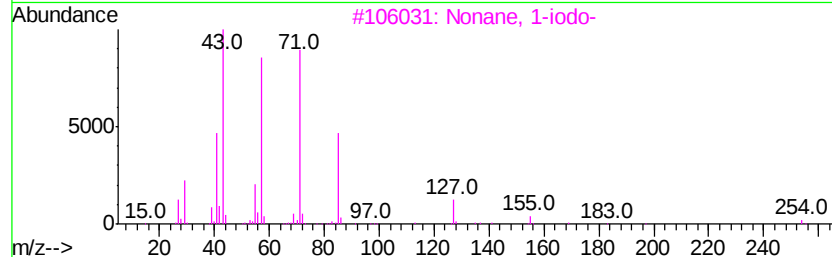
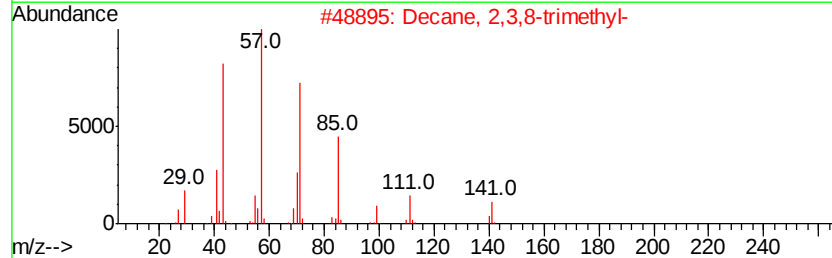
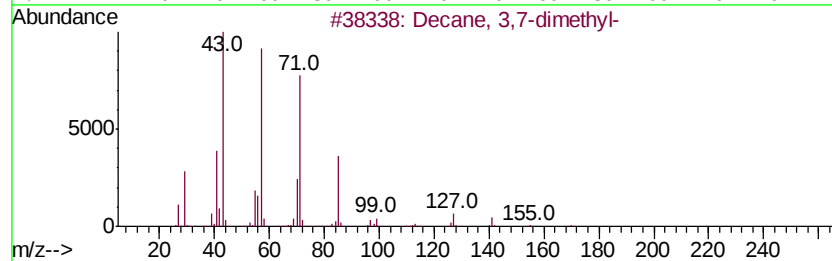
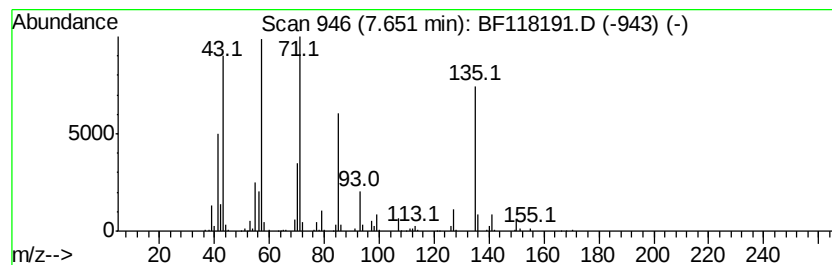
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Decane, 3,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	13.09 ng	805449	Naphthalene-d8	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	55
2		Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	43
3		Nonane, 1-iodo-	254	C9H19I	004282-42-2	43
4		Heptacosane	380	C27H56	000593-49-7	38
5		Undecane, 4-methyl-	170	C12H26	002980-69-0	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121319\
Data File : BF118191.D
Acq On : 13 Dec 2019 17:35
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Instrument :
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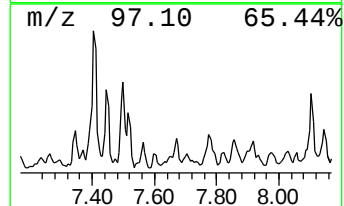
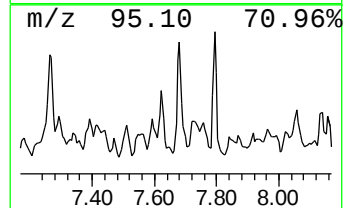
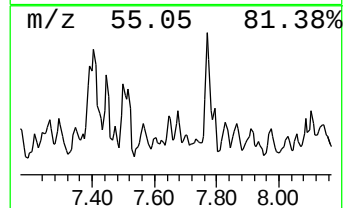
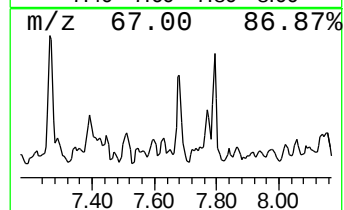
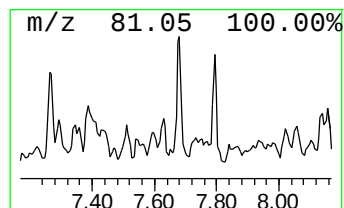
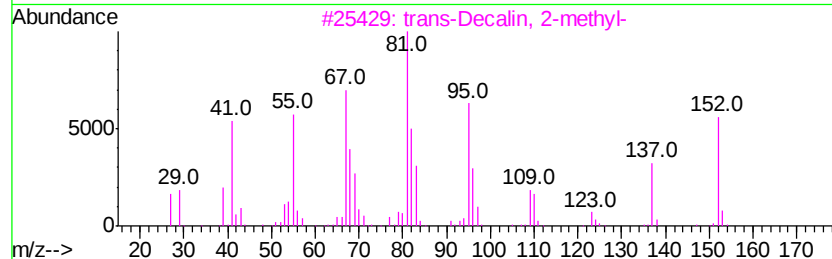
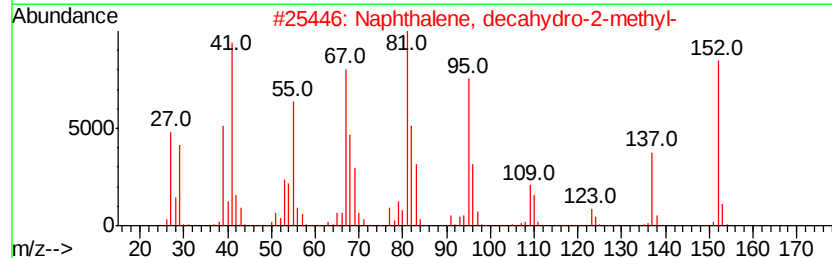
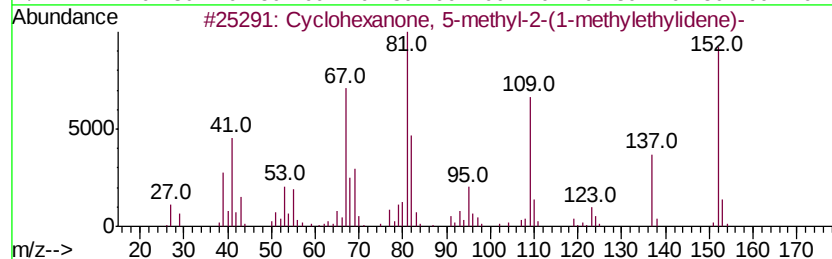
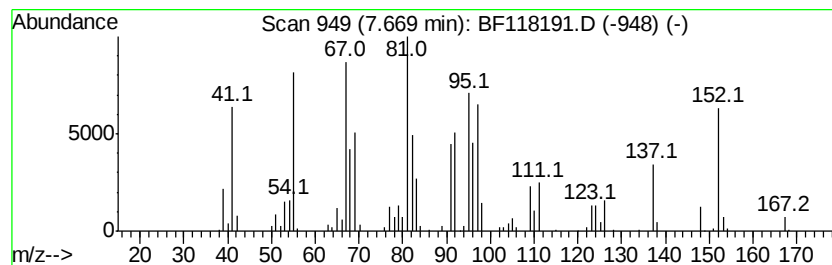
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Cyclohexanone, 5-methyl-2-(... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	10.72 ng	659360	Naphthalene-d8	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	90
2		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	83
3		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	83
4		Pulegone	152	C10H16O	000089-82-7	72
5		Bicyclo[4.1.0]heptan-2-one, 3,5,...	152	C10H16O	029750-24-1	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121319\
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Acq On : 13 Dec 2019 17:35
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Misc :
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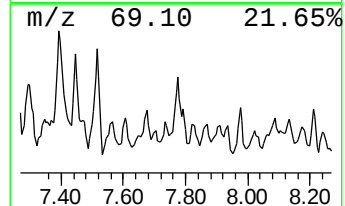
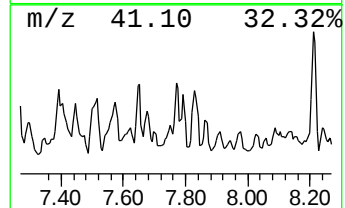
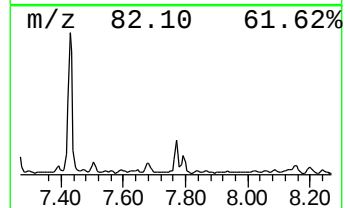
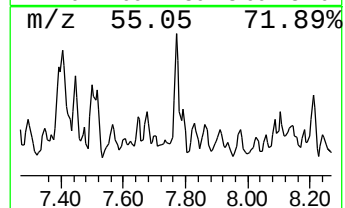
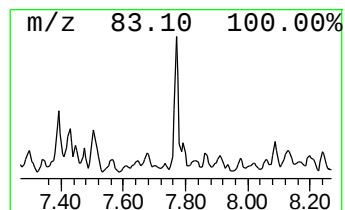
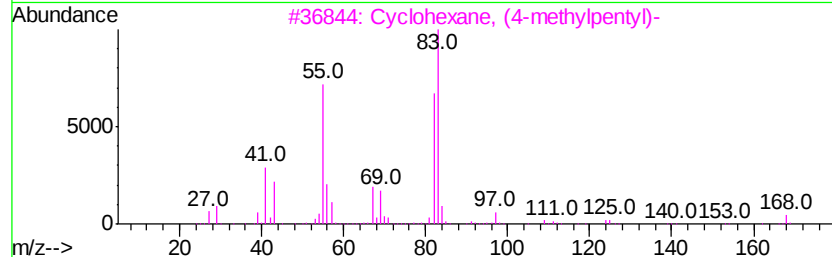
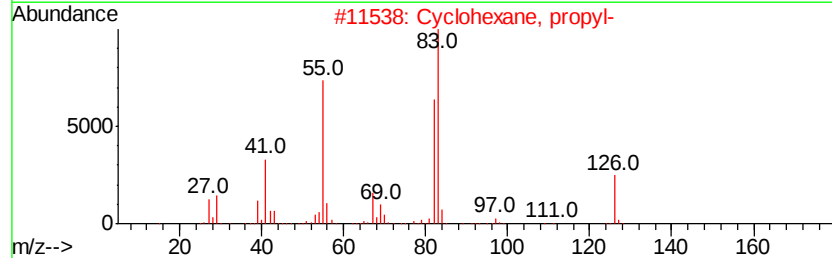
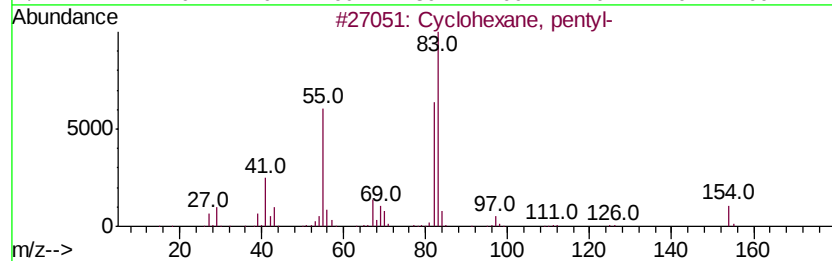
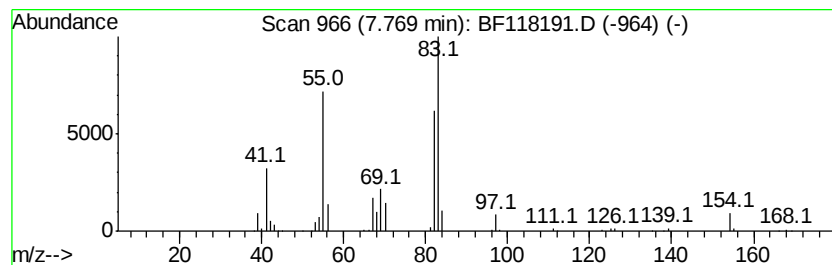
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Cyclohexane, pentyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.77	10.68 ng	657215	Naphthalene-d8	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	91
2		Cyclohexane, propyl-	126	C9H18	001678-92-8	72
3		Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	72
4		Cyclohexane, butyl-	140	C10H20	001678-93-9	72
5		3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121319\
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ALS Vial : 15 Sample Multiplier: 1

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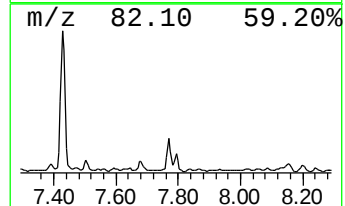
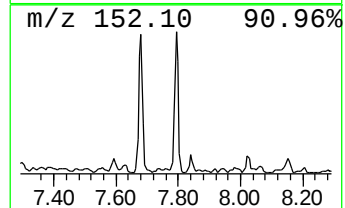
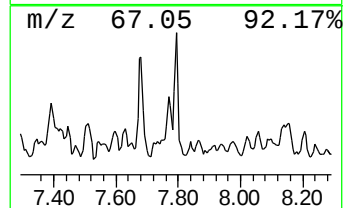
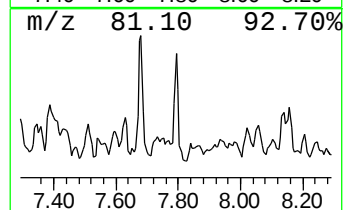
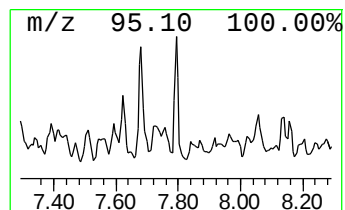
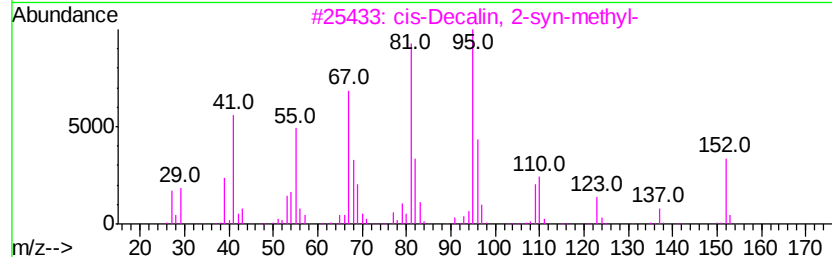
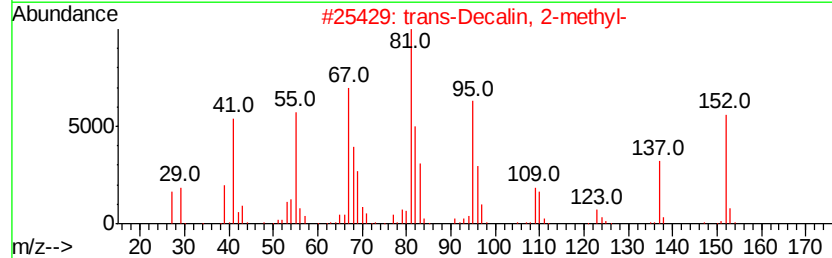
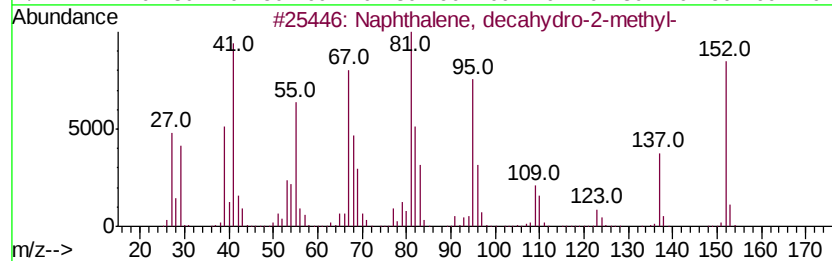
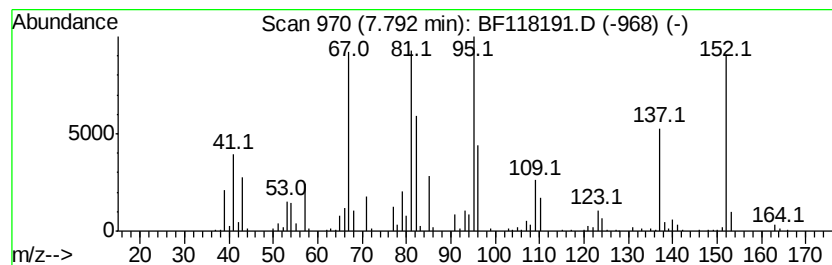
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Naphthalene, decahydro-2-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	11.92 ng	733506	Naphthalene-d8	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	91
2		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	90
3		cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	74
4		Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-04-9	68
5		Decalin, anti-1-methyl-, cis-	152	C11H20	1000158-89-0	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121319\
Data File : BF118191.D
Acq On : 13 Dec 2019 17:35
Operator : JU
Sample : K6265-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1A-S

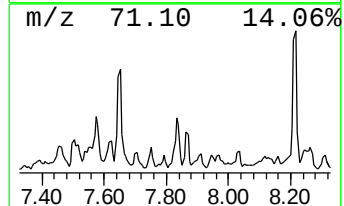
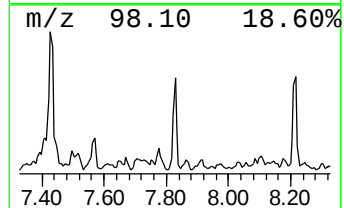
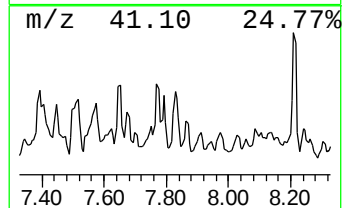
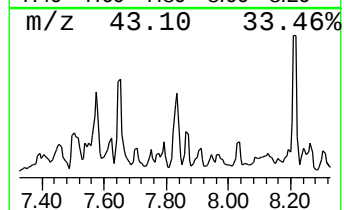
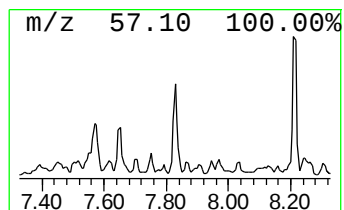
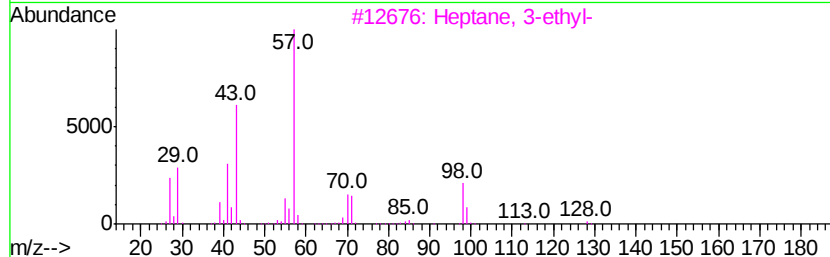
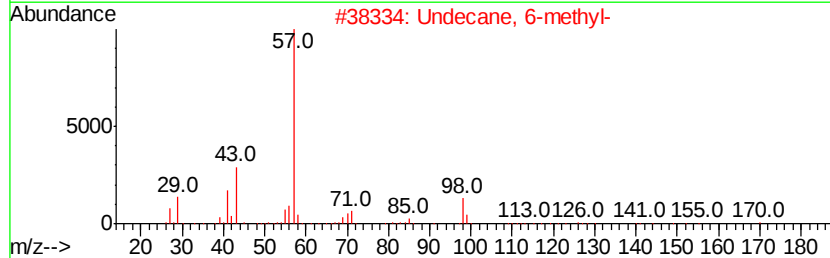
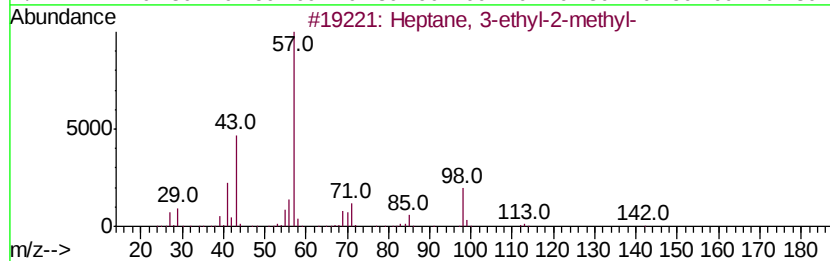
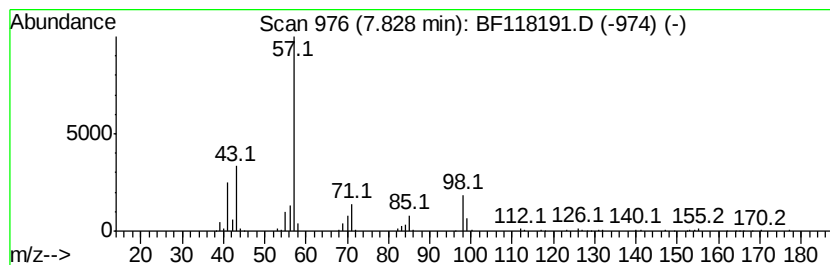
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Heptane, 3-ethyl-2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	10.04 ng	617581	Naphthalene-d8	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	72
2		Undecane, 6-methyl-	170	C12H26	017302-33-9	64
3		Heptane, 3-ethyl-	128	C9H20	015869-80-4	64
4		Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	59
5		Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121319\
Data File : BF118191.D
Acq On : 13 Dec 2019 17:35
Operator : JU
Sample : K6265-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1A-S

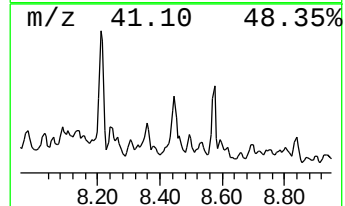
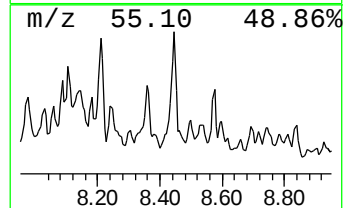
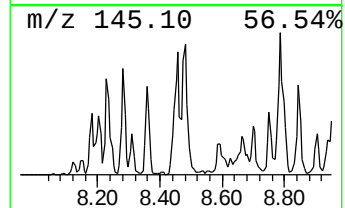
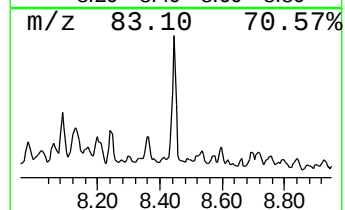
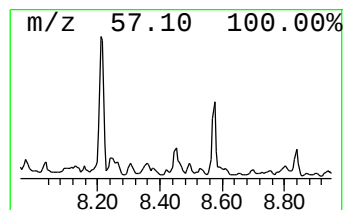
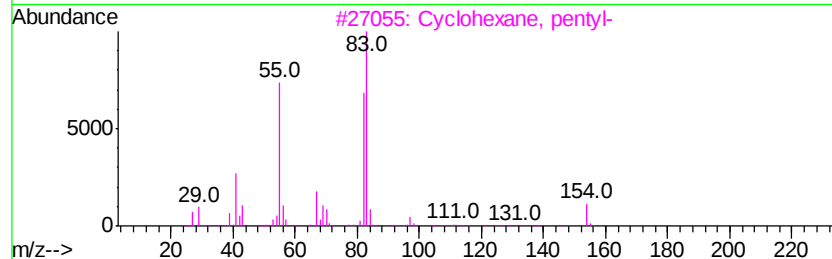
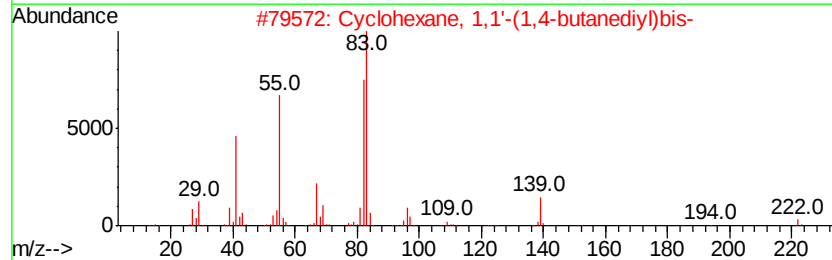
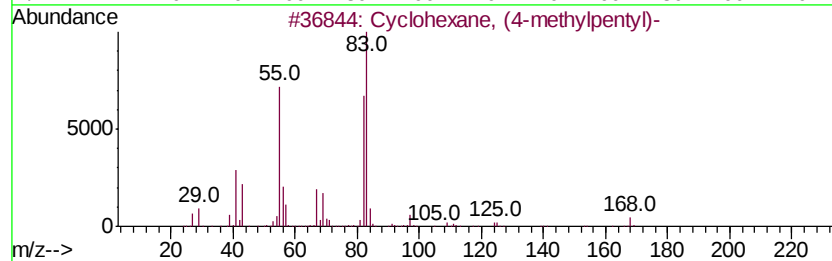
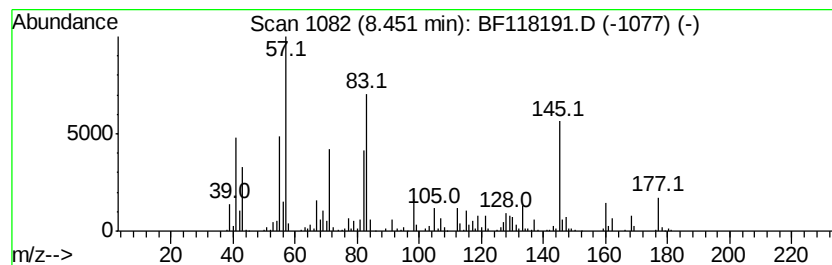
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Cyclohexane, (4-methylpentyl)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	12.36 ng	760594	Naphthalene-d8	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	58
2		Cyclohexane, 1,1'-(1,4-butanediyl)-	222	C16H30	006165-44-2	50
3		Cyclohexane, pentyl-	154	C11H22	004292-92-6	50
4		Cyclohexane, hexyl-	168	C12H24	004292-75-5	49
5		Cyclohexane, propyl-	126	C9H18	001678-92-8	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121319\
 Data File : BF118191.D
 Acq On : 13 Dec 2019 17:35
 Operator : JU
 Sample : K6265-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1A-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.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
Cyclohexane, 1,1,...	5.08	17.6	ng	2070120	1	6.87	2359310	20.0
Cyclohexane, 1,2,...	5.28	9.5	ng	1121660	1	6.87	2359310	20.0
Cyclopentane, 1-e...	5.64	10.4	ng	1230520	1	6.87	2359310	20.0
Cyclohexane, 1-et...	5.89	10.9	ng	1284270	1	6.87	2359310	20.0
Cis-bicyclo[4.2.0...	6.03	12.4	ng	1459310	1	6.87	2359310	20.0
Octane, 2,6-dimet...	6.12	25.8	ng	3046530	1	6.87	2359310	20.0
Undecane, 5,6-dim...	6.30	10.1	ng	1189110	1	6.87	2359310	20.0
2-Octene, 2,6-dim...	6.40	18.3	ng	2163650	1	6.87	2359310	20.0
unknown6.64	6.64	28.7	ng	3384380	1	6.87	2359310	20.0
5-Undecene	7.14	10.8	ng	1277630	1	6.87	2359310	20.0
unknown7.52	7.52	18.2	ng	1119390	2	8.15	1230680	20.0
Undecane, 5-methyl-	7.57	16.8	ng	1032410	2	8.15	1230680	20.0
Decane, 3,7-dimet...	7.65	13.1	ng	805449	2	8.15	1230680	20.0
Cyclohexanone, 5-...	7.67	10.7	ng	659360	2	8.15	1230680	20.0
Cyclohexane, pentyl-	7.77	10.7	ng	657215	2	8.15	1230680	20.0
Naphthalene, deca...	7.79	11.9	ng	733506	2	8.15	1230680	20.0
Heptane, 3-ethyl-...	7.83	10.0	ng	617581	2	8.15	1230680	20.0
Cyclohexane, (4-m...	8.45	12.4	ng	760594	2	8.15	1230680	20.0