

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020116\
 Data File : BF084737.D
 Acq On : 2 Feb 2016 4:13
 Operator : SJ/IZ
 Sample : H1285-19
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B012(30.5-32.5)

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-BF020116.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	4.167	178	182	185	rBV2	247697	368998	3.77%	0.364%
2	4.876	240	244	246	rBV	2569673	3990552	40.81%	3.938%
3	5.310	279	282	284	rBV	4317730	4379222	44.78%	4.322%
4	5.710	315	317	319	rBV	292779	246951	2.53%	0.244%
5	5.859	328	330	332	rVB	129204	118199	1.21%	0.117%
6	5.984	337	341	343	rBV	7723541	9779228	100.00%	9.651%
7	6.144	351	355	357	rBV	894292	895813	9.16%	0.884%
8	6.362	371	374	376	rVV	4125277	4296168	43.93%	4.240%
9	6.407	376	378	380	rVB	227219	250192	2.56%	0.247%
10	6.476	382	384	387	rVV	3604184	4436382	45.37%	4.378%
11	6.636	396	398	401	rBV	478790	562268	5.75%	0.555%
12	6.705	402	404	409	rVV	863305	1107156	11.32%	1.093%
13	6.796	409	412	413	rBV	1364498	1419295	14.51%	1.401%
14	6.865	413	418	421	rVB3	3393193	6194725	63.35%	6.113%
15	6.990	422	429	431	rBV5	32640	120626	1.23%	0.119%
16	7.047	432	434	437	rVB	108143	115848	1.18%	0.114%
17	7.276	451	454	459	rBV2	2353310	3717115	38.01%	3.668%
18	7.527	474	476	482	rVB	1208356	1482572	15.16%	1.463%
19	7.699	487	491	494	rBV5	205442	531293	5.43%	0.524%
20	7.745	494	495	498	rVB2	428860	395338	4.04%	0.390%
21	7.802	498	500	501	rBV	250668	237019	2.42%	0.234%
22	7.905	507	509	511	rBV	1874439	1891859	19.35%	1.867%
23	7.939	511	512	513	rVV	538159	584516	5.98%	0.577%
24	7.962	513	514	516	rVV	459356	798985	8.17%	0.788%
25	7.996	516	517	518	rVV	1853322	1397514	14.29%	1.379%
26	8.042	518	521	523	rVV	6300033	8673846	88.70%	8.560%
27	8.133	527	529	530	rVV	704906	604953	6.19%	0.597%
28	8.168	530	532	534	rVV3	193963	292357	2.99%	0.289%
29	8.236	537	538	541	rVB	176216	155621	1.59%	0.154%
30	8.339	544	547	549	rVV	960782	1041653	10.65%	1.028%
31	8.430	552	555	557	rBV2	188725	211664	2.16%	0.209%
32	8.602	568	570	571	rVV	407231	390089	3.99%	0.385%
33	8.625	571	572	576	rVV2	151120	210724	2.15%	0.208%
34	8.716	578	580	581	rVV	415571	390275	3.99%	0.385%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.750	581	583	585	rVV	2076778	1927595	19.71%	1.902%
36	8.796	585	587	590	rVV4	62677	165938	1.70%	0.164%
37	8.842	590	591	592	rVV	151909	122206	1.25%	0.121%
38	8.876	592	594	595	rVV	400624	513464	5.25%	0.507%
39	8.933	598	599	603	rVV4	112547	296486	3.03%	0.293%
40	9.002	603	605	606	rVV	151125	160602	1.64%	0.158%
41	9.025	606	607	609	rVV	98852	126959	1.30%	0.125%
42	9.082	609	612	613	rVV	3659131	4352881	44.51%	4.296%
43	9.162	613	619	621	rVV	591559	833815	8.53%	0.823%
44	9.219	621	624	627	rVV3	143822	332210	3.40%	0.328%
45	9.402	637	640	644	rBV5	219624	500300	5.12%	0.494%
46	9.471	644	646	651	rBV2	601122	910300	9.31%	0.898%
47	9.688	664	665	667	rVB	520379	630956	6.45%	0.623%
48	9.745	667	670	672	rBV	1477623	1525208	15.60%	1.505%
49	9.802	672	675	679	rVB4	89028	178204	1.82%	0.176%
50	9.928	683	686	687	rBV2	113184	205649	2.10%	0.203%
51	10.019	692	694	695	rVV2	118428	151460	1.55%	0.149%
52	10.191	707	709	711	rBV	888950	695918	7.12%	0.687%
53	10.236	711	713	716	rVB3	52164	128445	1.31%	0.127%
54	10.351	721	723	725	rVB3	78884	116927	1.20%	0.115%
55	10.408	725	728	731	rBV	275862	386482	3.95%	0.381%
56	10.499	734	736	737	rBV	81333	154023	1.58%	0.152%
57	10.533	737	739	741	rVB	2656843	2600806	26.60%	2.567%
58	10.659	748	750	754	rVB	777068	950115	9.72%	0.938%
59	11.105	788	789	791	rBV	434427	477477	4.88%	0.471%
60	11.139	791	792	795	rVB	247383	204639	2.09%	0.202%
61	11.231	797	800	803	rBV	1062161	1550453	15.85%	1.530%
62	11.539	824	827	828	rBV	288822	365868	3.74%	0.361%
63	11.562	828	829	834	rVB	151032	220596	2.26%	0.218%
64	11.802	848	850	851	rVB2	132120	129093	1.32%	0.127%
65	11.836	851	853	858	rVB4	131566	278110	2.84%	0.274%
66	11.939	858	862	864	rBV	443699	538042	5.50%	0.531%
67	12.019	866	869	874	rVB4	84373	199094	2.04%	0.196%
68	12.145	877	880	881	rBV	201476	240794	2.46%	0.238%
69	12.282	890	892	895	rBV3	78484	200831	2.05%	0.198%
70	12.328	895	896	898	rVV	327227	291175	2.98%	0.287%
71	12.362	898	899	903	rVB	386249	433046	4.43%	0.427%

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72	12.431	903	905	907	rBV	556637	509792	5.21%	0.503%
73	12.465	907	908	910	rVB2	120779	115547	1.18%	0.114%
74	12.659	922	925	926	rBV	504140	469187	4.80%	0.463%
75	12.705	926	929	932	rVB3	160548	331915	3.39%	0.328%
76	12.808	934	938	941	rVV	2312429	3591684	36.73%	3.544%
77	12.922	945	948	951	rVV3	365788	727898	7.44%	0.718%
78	13.014	953	956	958	rVB2	954003	1156180	11.82%	1.141%
79	13.059	958	960	961	rBV	150865	185458	1.90%	0.183%
80	13.094	961	963	964	rVV2	96055	171405	1.75%	0.169%
81	13.117	964	965	969	rVV2	429343	593215	6.07%	0.585%
82	13.185	969	971	975	rVV	456115	736795	7.53%	0.727%
83	13.254	975	977	979	rVV	698928	986056	10.08%	0.973%
84	13.299	979	981	982	rVV	505012	597411	6.11%	0.590%
85	13.322	982	983	987	rVB2	408058	731318	7.48%	0.722%
86	13.402	987	990	991	rBV	106403	148090	1.51%	0.146%
87	13.505	997	999	1002	rBV4	136912	188389	1.93%	0.186%
88	13.642	1009	1011	1013	rVB2	117228	208920	2.14%	0.206%
89	13.734	1017	1019	1023	rVB	335132	482187	4.93%	0.476%
90	13.860	1025	1030	1035	rBV2	1223120	2176523	22.26%	2.148%
91	13.962	1037	1039	1041	rVB2	156428	174371	1.78%	0.172%
92	14.385	1074	1076	1077	rVB2	115316	134993	1.38%	0.133%
93	14.420	1077	1079	1080	rBV	194918	197605	2.02%	0.195%
94	14.865	1115	1118	1122	rVB	167714	341235	3.49%	0.337%
95	15.128	1139	1141	1144	rVB	122234	152449	1.56%	0.150%
96	15.185	1144	1146	1149	rVV	161773	203915	2.09%	0.201%
97	15.243	1149	1151	1158	rVB	748211	1001155	10.24%	0.988%
98	16.546	1262	1265	1270	rVB2	68387	145350	1.49%	0.143%
99	16.934	1296	1299	1306	rVB	73696	180631	1.85%	0.178%
100	17.071	1307	1311	1316	rBV4	106790	306611	3.14%	0.303%

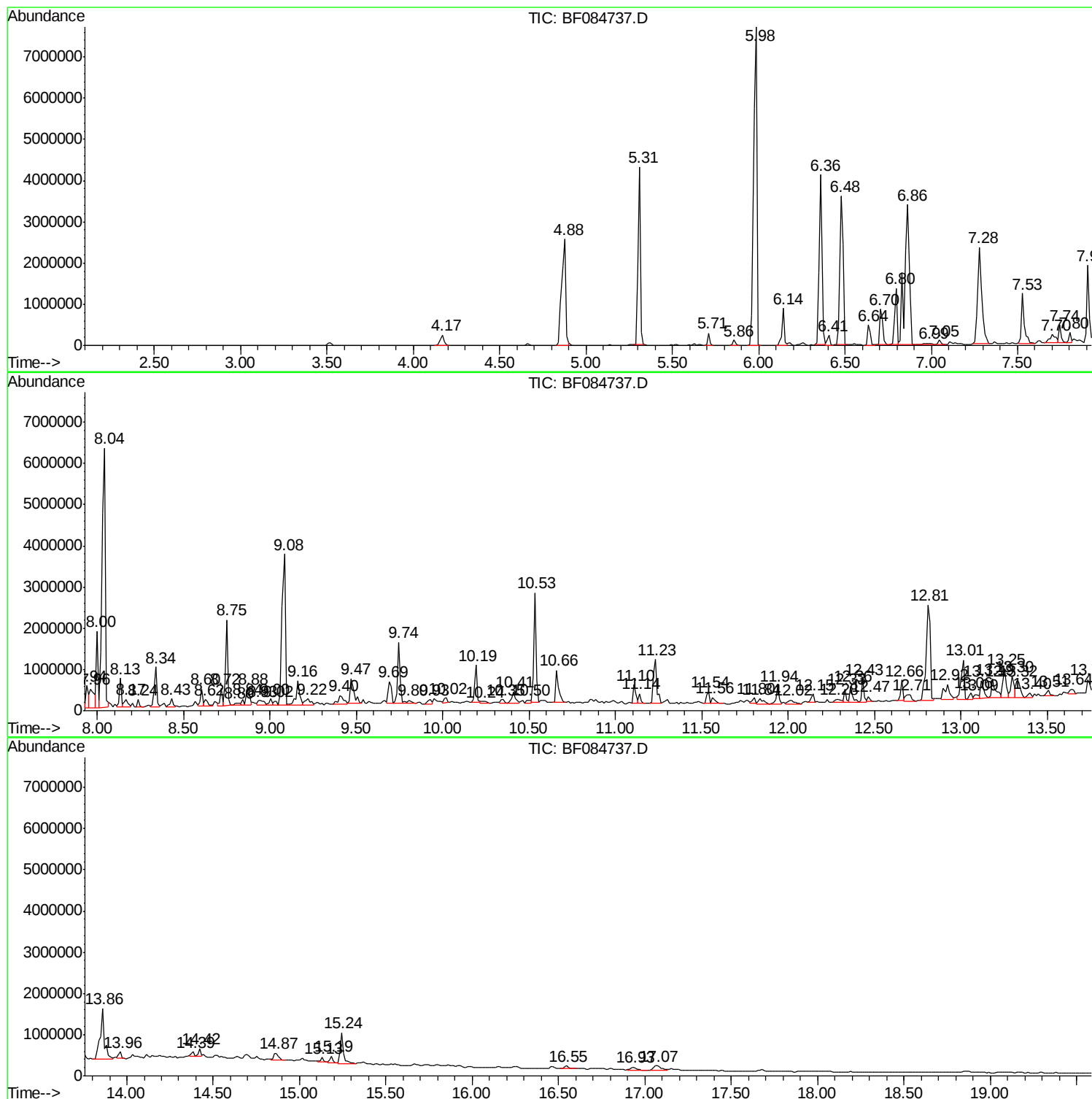
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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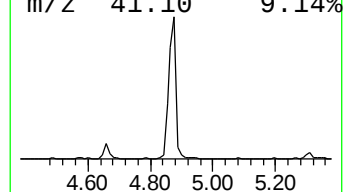
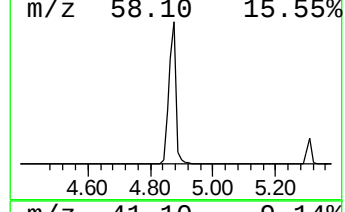
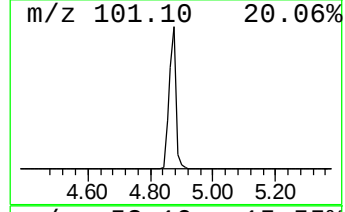
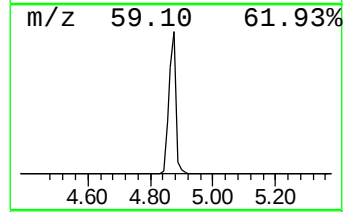
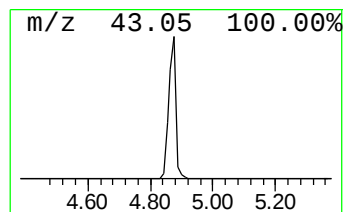
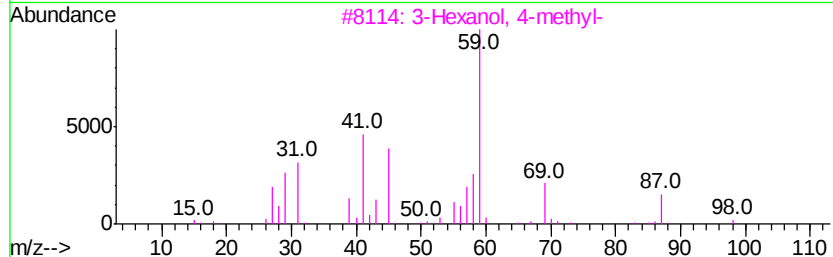
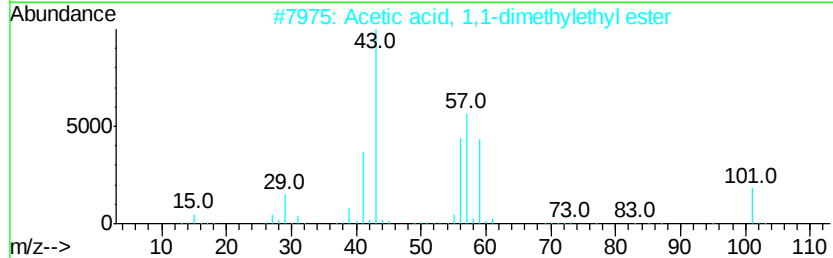
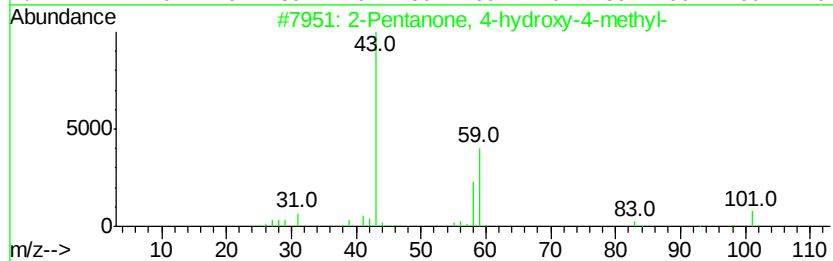
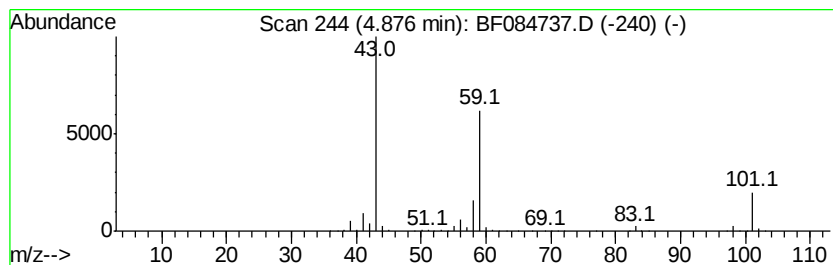
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.88	72.09 ng	3990550	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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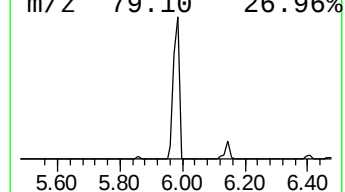
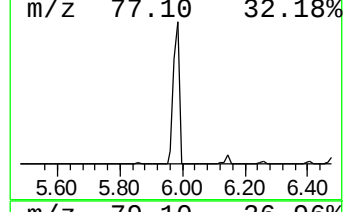
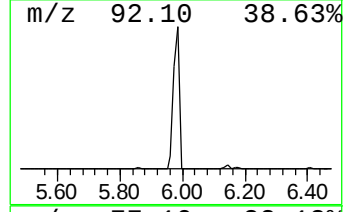
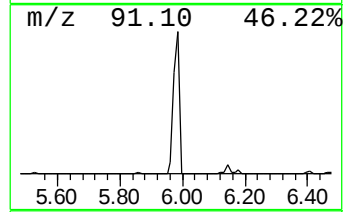
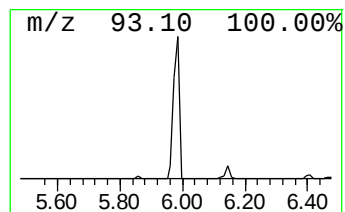
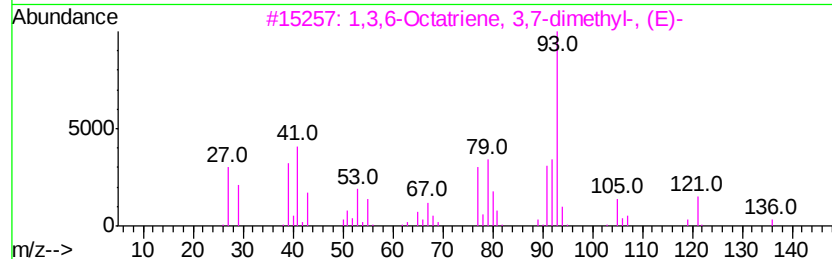
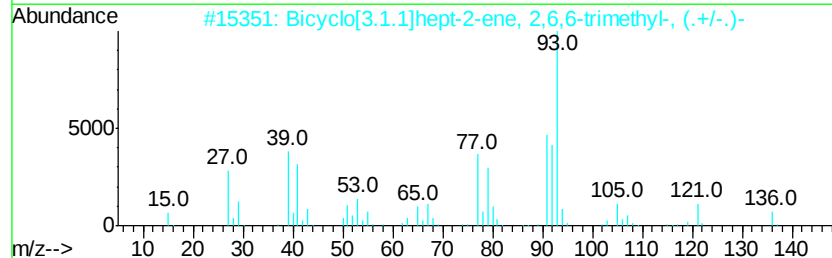
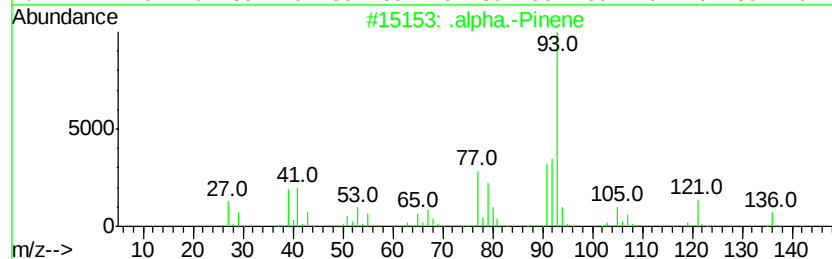
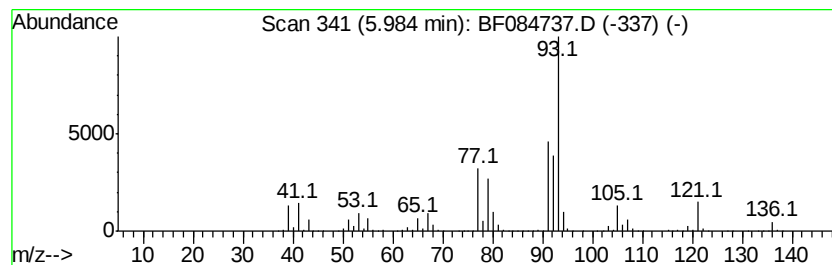
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 .alpha.-Pinene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.98	176.66 ng	9779230	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.alpha.-Pinene	136	C10H16	000080-56-8	95
2		Bicyclo[3.1.1]hept-2-ene, 2,6,6-...	136	C10H16	002437-95-8	94
3		1,3,6-Octatriene, 3,7-dimethyl-,...	136	C10H16	003779-61-1	94
4		1S-.alpha.-Pinene	136	C10H16	007785-26-4	91
5		Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91



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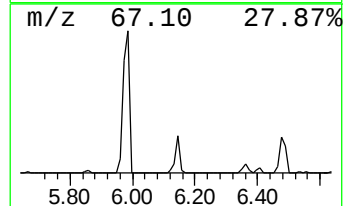
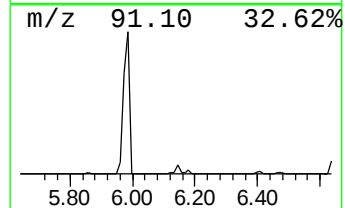
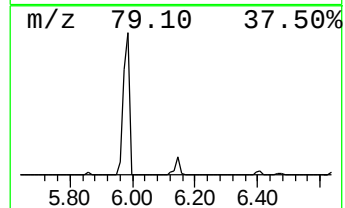
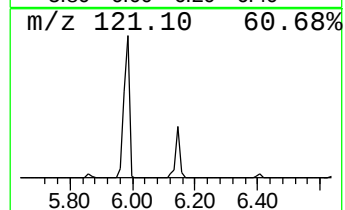
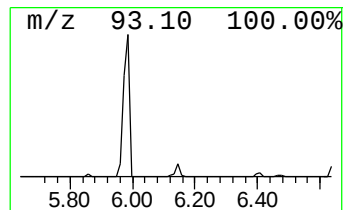
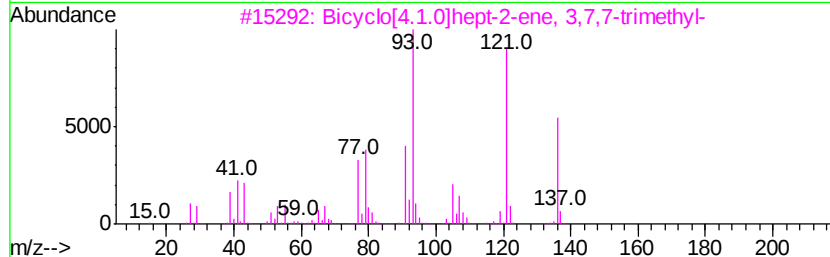
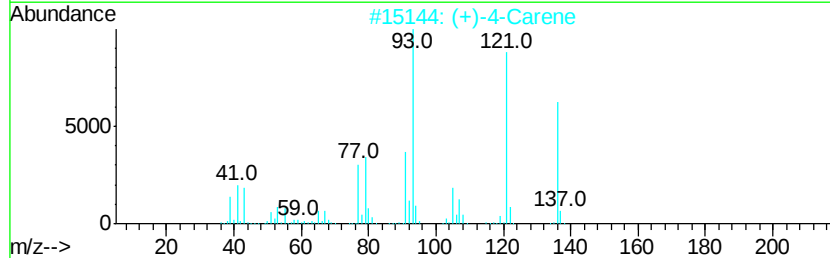
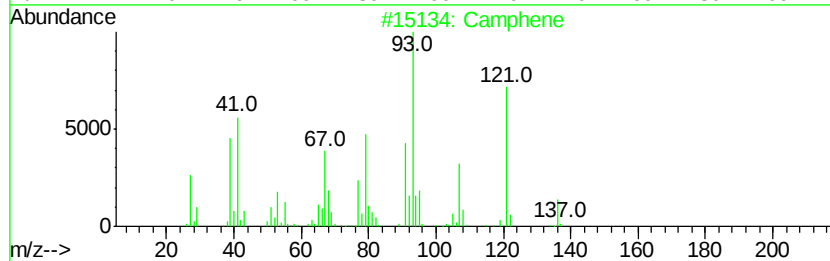
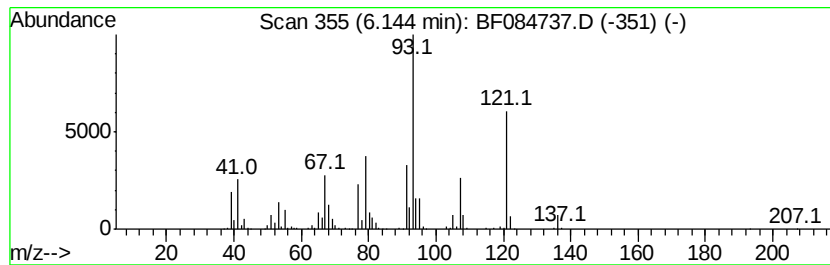
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Peak Number 3 Camphene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.14	16.18 ng	895813	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Camphene	136	C10H16	000079-92-5	96
2		(+)-4-Carene	136	C10H16	029050-33-7	74
3		Bicyclo[4.1.0]hept-2-ene, 3,7,7-...	136	C10H16	000554-61-0	74
4		.beta.-Myrcene	136	C10H16	000123-35-3	58
5		.beta.-Pinene	136	C10H16	000127-91-3	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020116\
Data File : BF084737.D
Acq On : 2 Feb 2016 4:13
Operator : SJ/IZ
Sample : H1285-19
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B012(30.5-32.5)

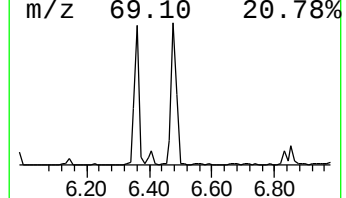
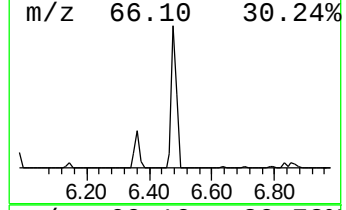
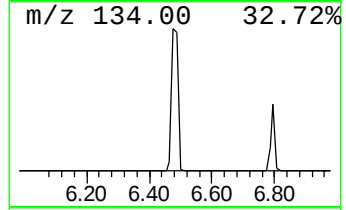
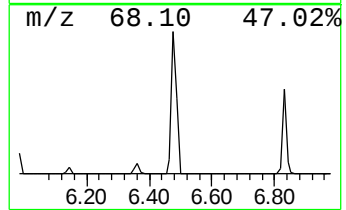
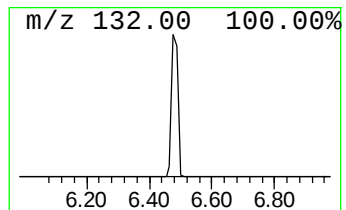
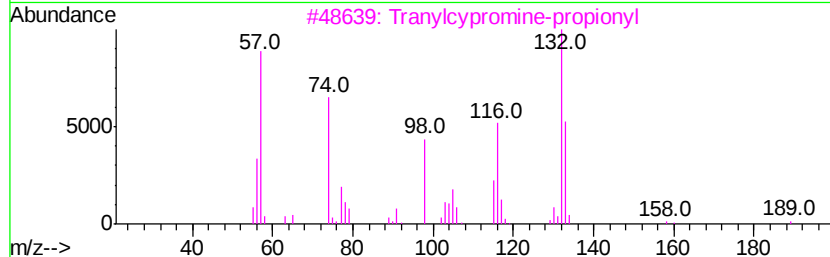
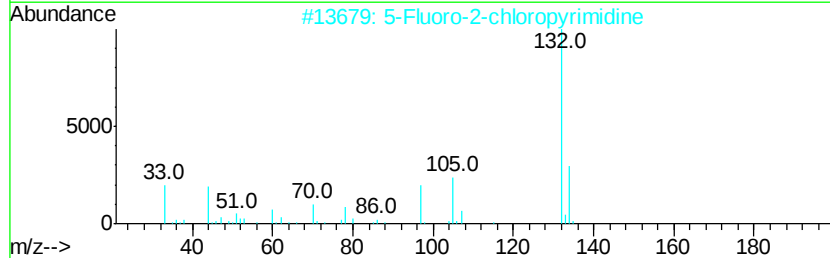
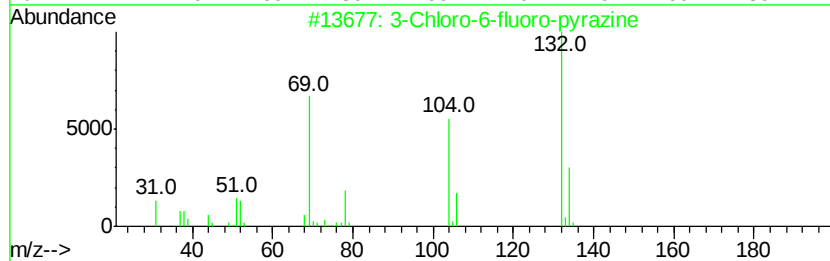
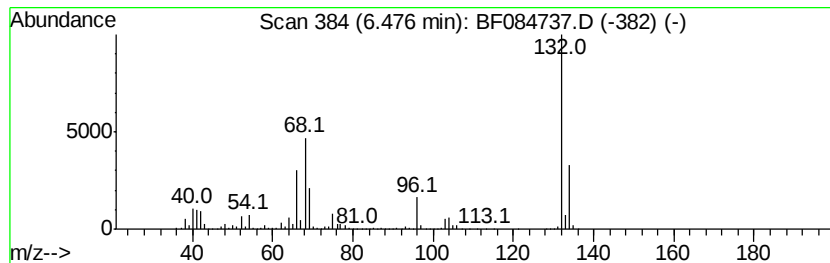
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown6.48 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	80.14 ng	4436380	1,4-Dichlorobenzene-d4	6.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine			132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine			132	C4H2ClFN2	062802-42-0	12
3	Tranvlcvpromine-propionyl			189	C12H15NO	1000123-86-3	10
4	(5-METHYL-2-PYRIDYL)ACETONITRILE			132	C8H8N2	1000241-93-9	10
5	Xenon			132	Xe	007440-63-3	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020116\
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Acq On : 2 Feb 2016 4:13
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Sample : H1285-19
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SUP-B012(30.5-32.5)

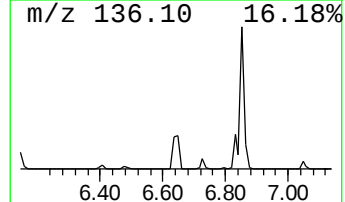
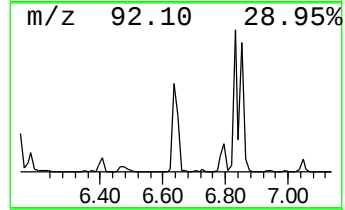
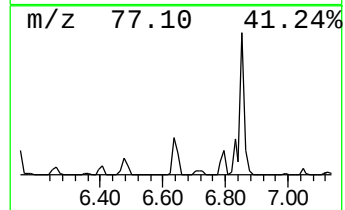
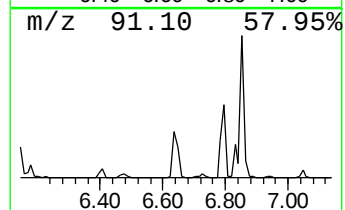
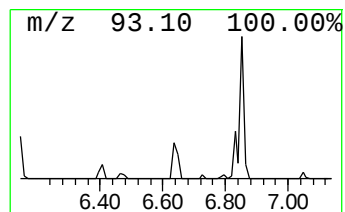
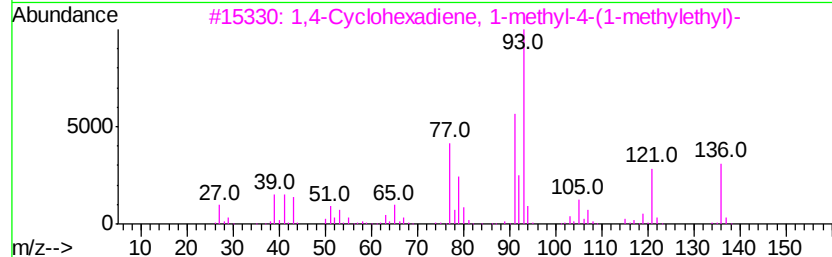
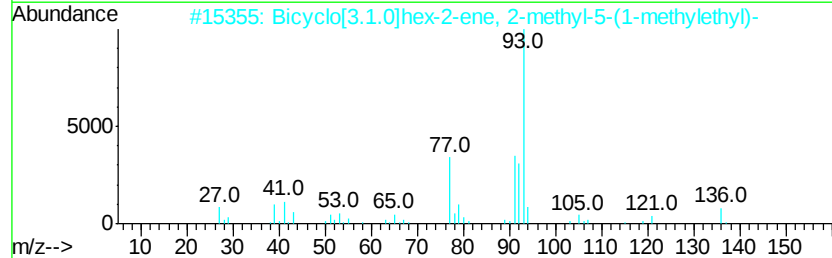
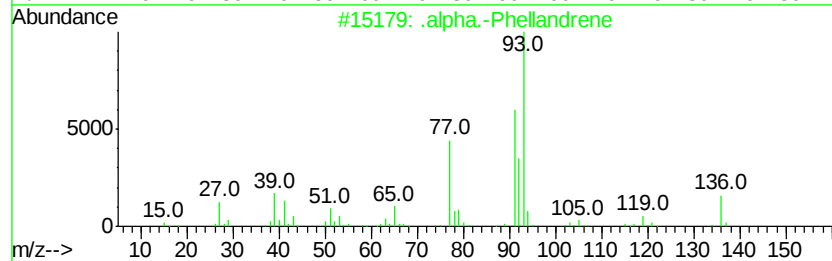
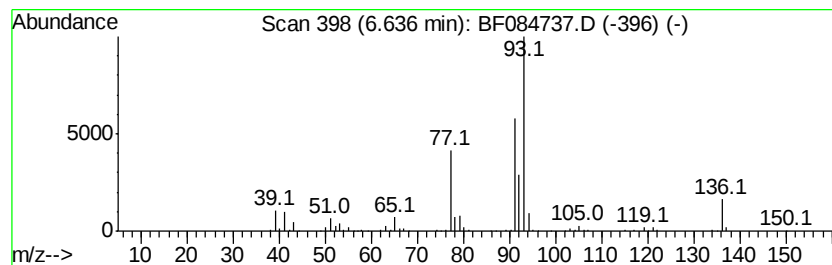
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 .alpha.-Phellandrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	10.16 ng	562268	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.alpha.-Phellandrene	136	C10H16	000099-83-2	94
2		Bicyclo[3.1.0]hex-2-ene, 2-methy...	136	C10H16	002867-05-2	83
3		1,4-Cyclohexadiene, 1-methyl-4-(...	136	C10H16	000099-85-4	64
4		4-Carene, (1S,3R,6R)-(-)-	136	C10H16	005208-49-1	59
5		Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000488-97-1	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
Data File : BF084737.D
Acq On : 2 Feb 2016 4:13
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Sample : H1285-19
Misc :
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Instrument :
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SUP-B012(30.5-32.5)

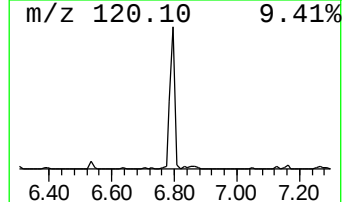
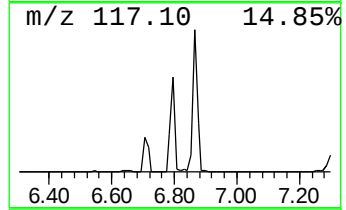
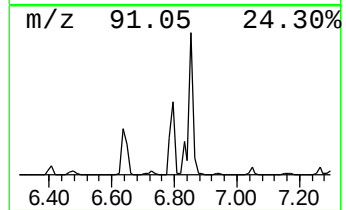
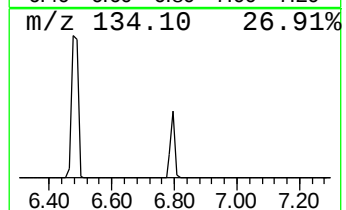
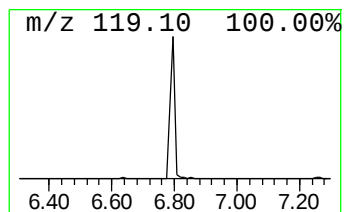
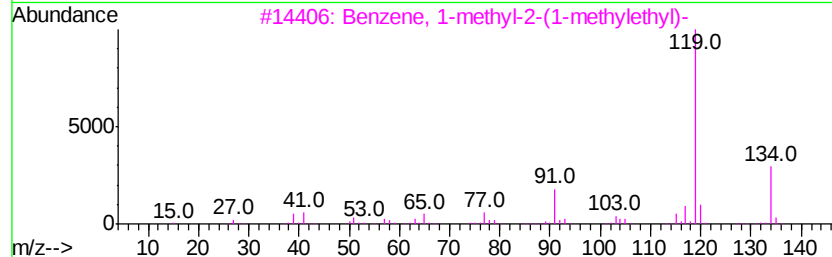
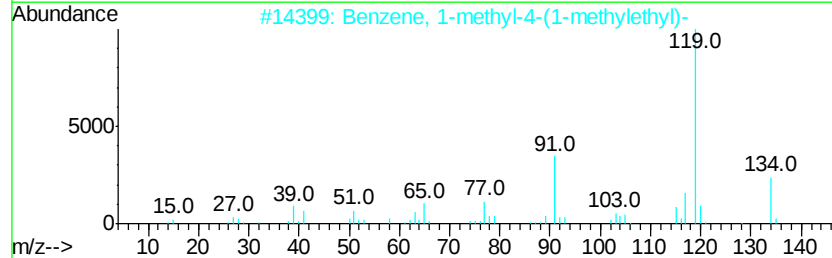
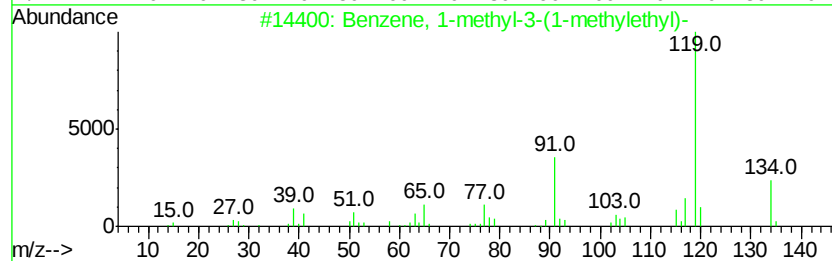
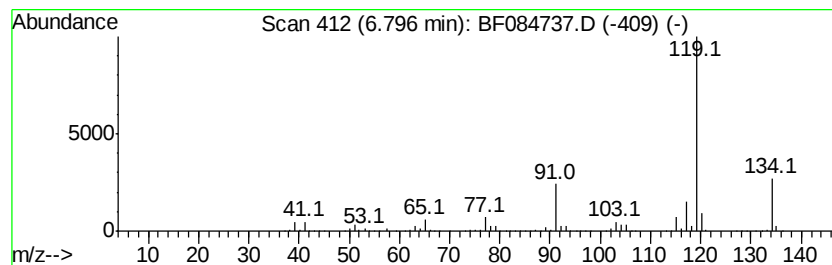
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzene, 1-methyl-3-(1-meth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	25.64 ng	1419300	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	95
2		Benzene, 1-methyl-4-(1-methylethyl)-	134	C10H14	000099-87-6	95
3		Benzene, 1-methyl-2-(1-methylethyl)-	134	C10H14	000527-84-4	94
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020116\
Data File : BF084737.D
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Sample : H1285-19
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SUP-B012(30.5-32.5)

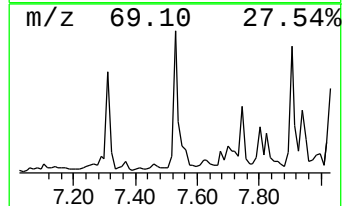
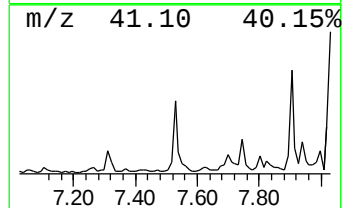
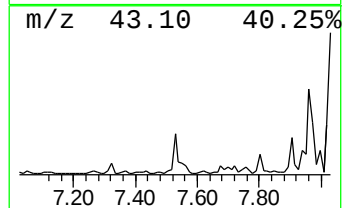
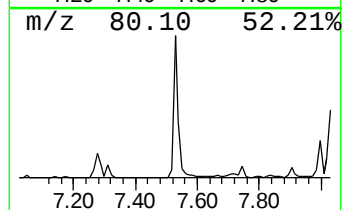
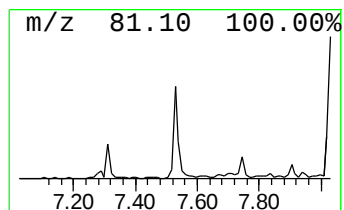
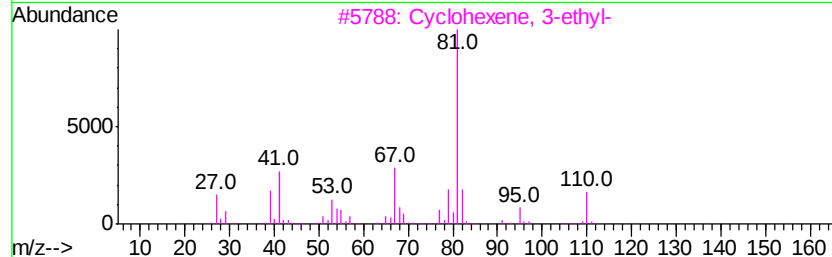
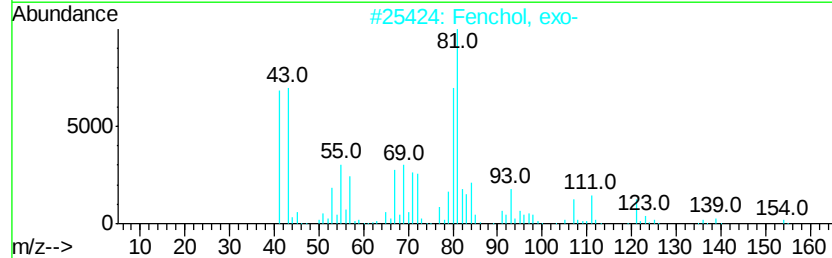
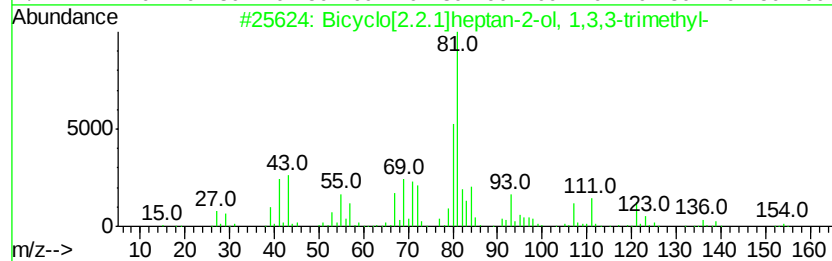
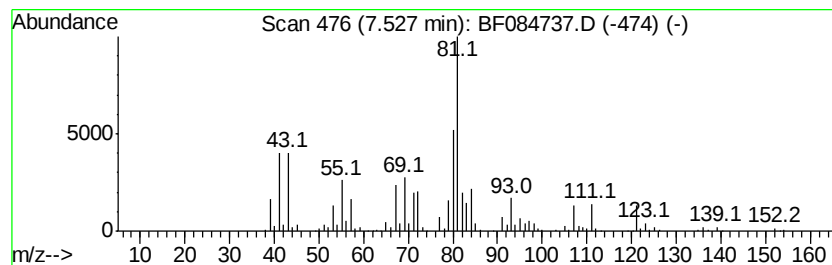
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Bicyclo[2.2.1]heptan-2-ol, ... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	21.22 ng	1482570	Naphthalene-d8	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[2.2.1]heptan-2-ol, 1,3,3...	154	C10H18O	001632-73-1	94
2		Fenchol, exo-	154	C10H18O	022627-95-8	87
3		Cyclohexene, 3-ethyl-	110	C8H14	002808-71-1	38
4		Bi-2-cyclohexen-1-yl	162	C12H18	001541-20-4	38
5		Cyclohexane, 1,2-dichloro-	152	C6H10Cl2	001121-21-7	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020116\
Data File : BF084737.D
Acq On : 2 Feb 2016 4:13
Operator : SJ/IZ
Sample : H1285-19
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SUP-B012(30.5-32.5)

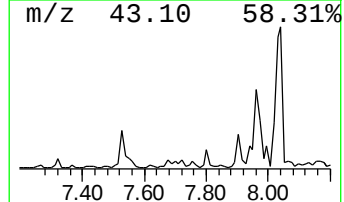
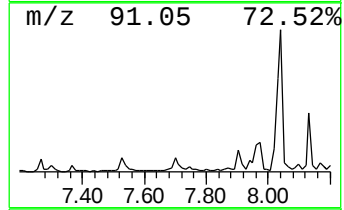
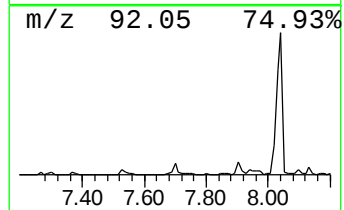
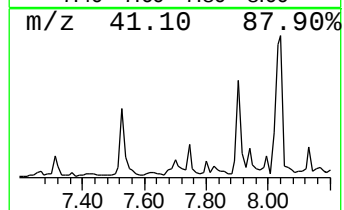
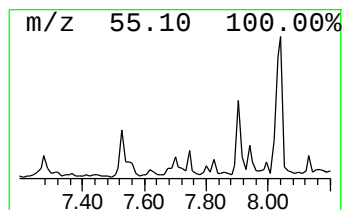
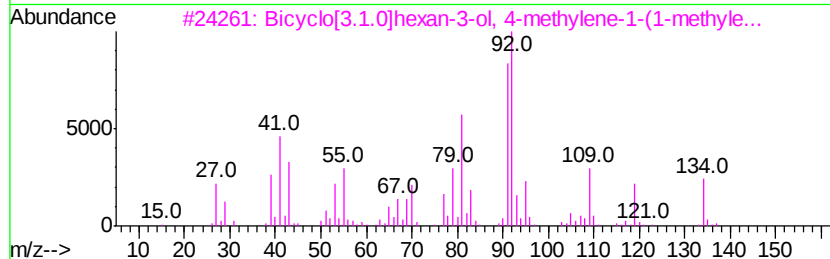
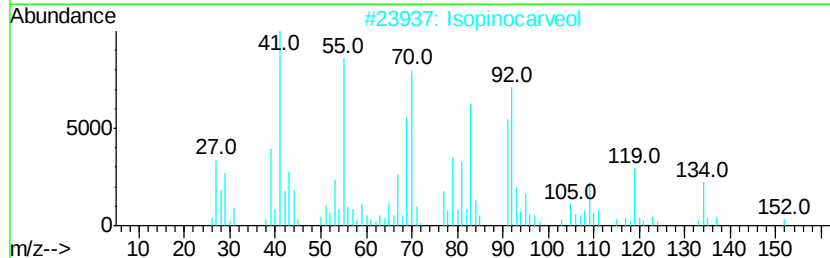
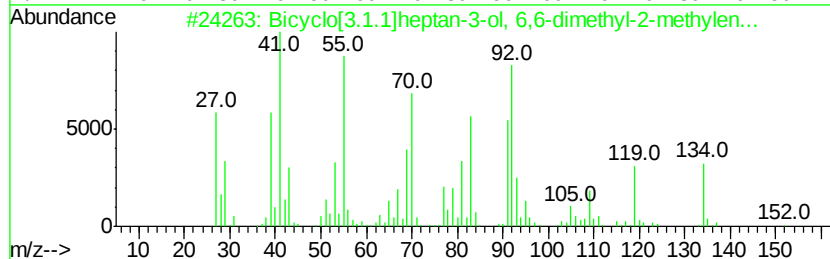
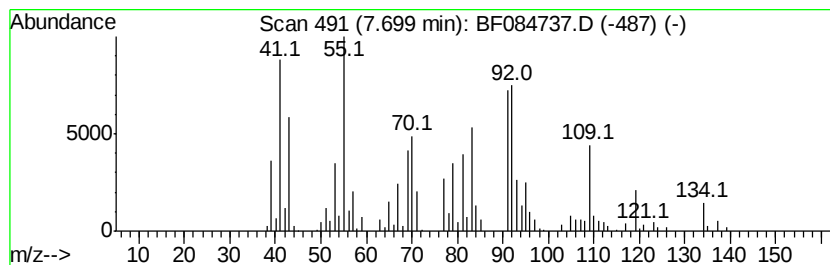
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Bicyclo[3.1.1]heptan-3-ol, ... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	7.60 ng	531293	Napthalene-d8	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[3.1.1]heptan-3-ol, 6,6-d...	152	C10H16O	000547-61-5	59
2		Isopinocarveol	152	C10H16O	1000292-83-6	47
3		Bicyclo[3.1.0]hexan-3-ol, 4-meth...	152	C10H16O	003310-02-9	38
4		Bicyclo[3.1.0]hexan-3-ol, 4-meth...	194	C12H18O2	003536-54-7	25
5		Toluene	92	C7H8	000108-88-3	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020116\
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Sample : H1285-19
Misc :
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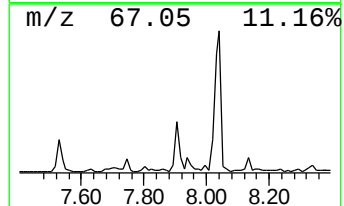
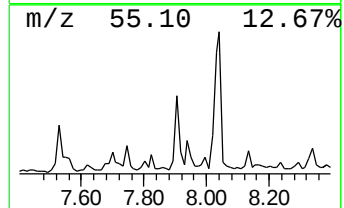
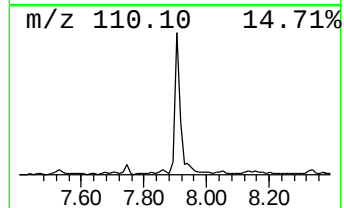
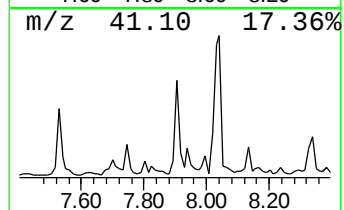
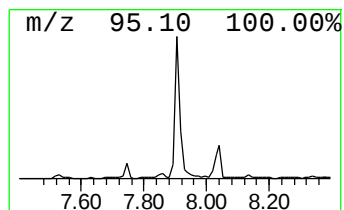
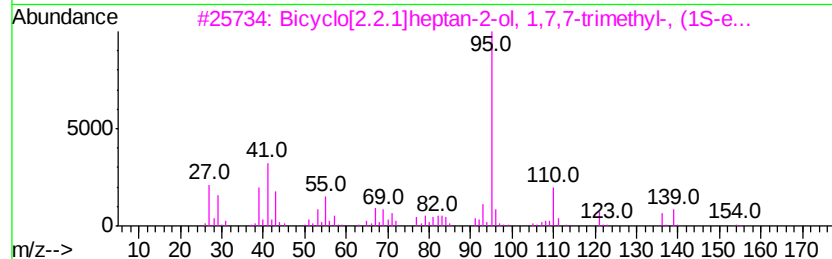
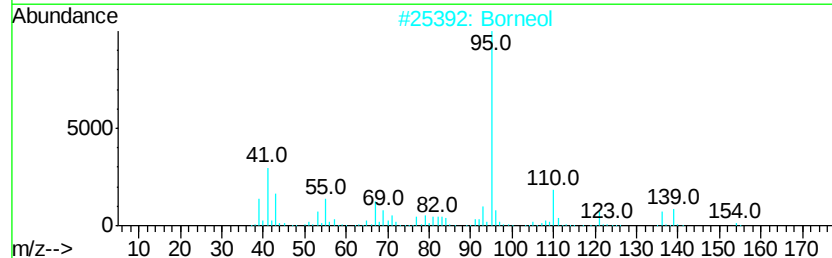
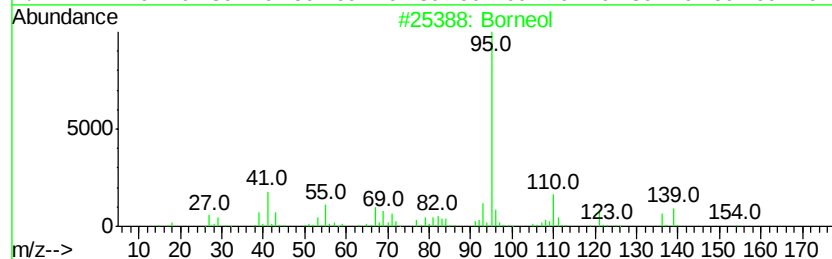
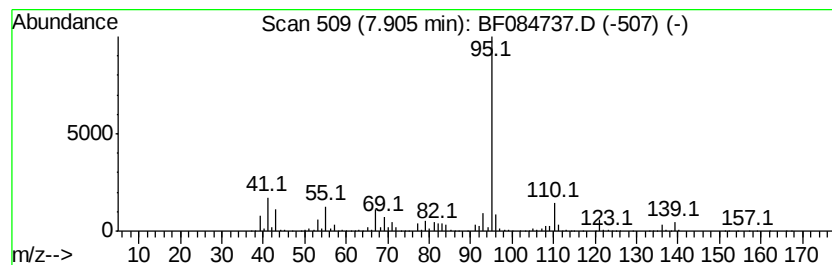
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Borneol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.90	27.07 ng	1891860	Naphthalene-d8	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Borneol	154	C10H18O	000507-70-0	91
2		Borneol	154	C10H18O	010385-78-1	91
3		Bicyclo[2.2.1]heptan-2-ol, 1,7,7...	154	C10H18O	000464-45-9	83
4		Furan, 2-ethyl-5-methyl-	110	C7H10O	001703-52-2	59
5		1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
Data File : BF084737.D
Acq On : 2 Feb 2016 4:13
Operator : SJ/IZ
Sample : H1285-19
Misc :
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ClientSampleId :
SUP-B012(30.5-32.5)

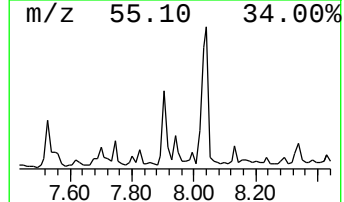
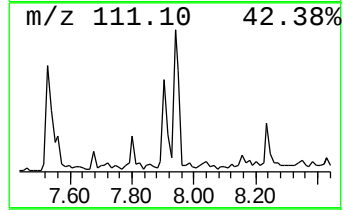
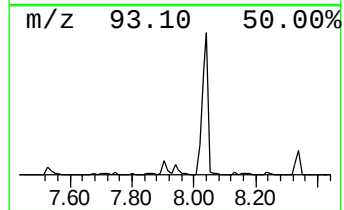
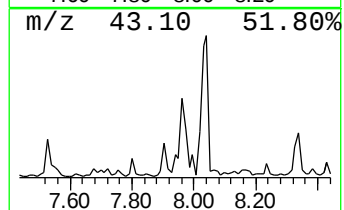
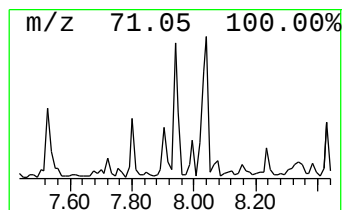
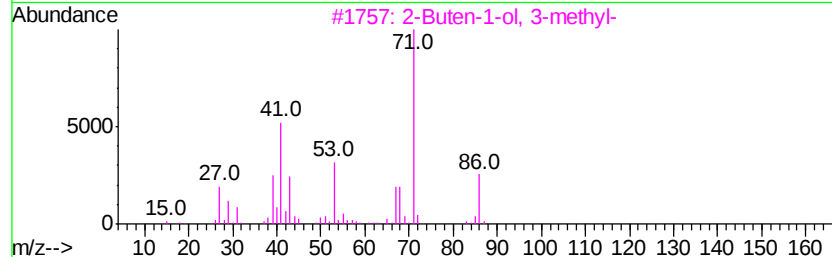
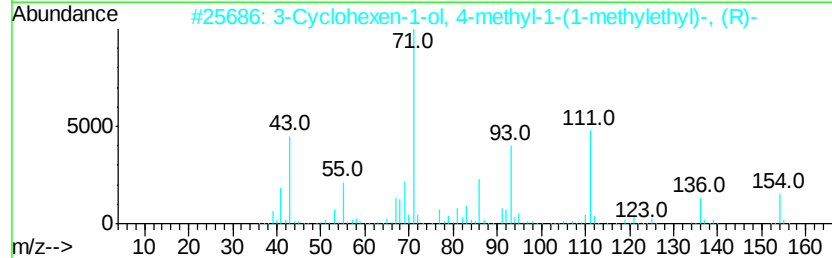
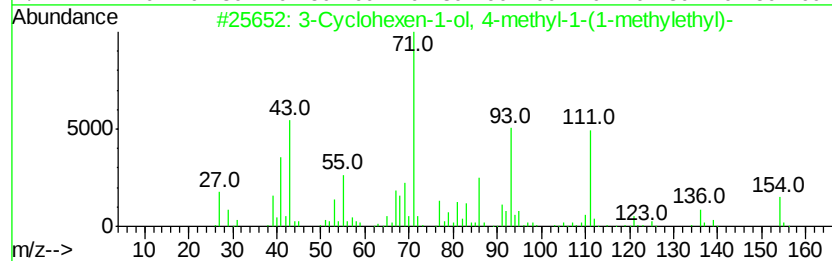
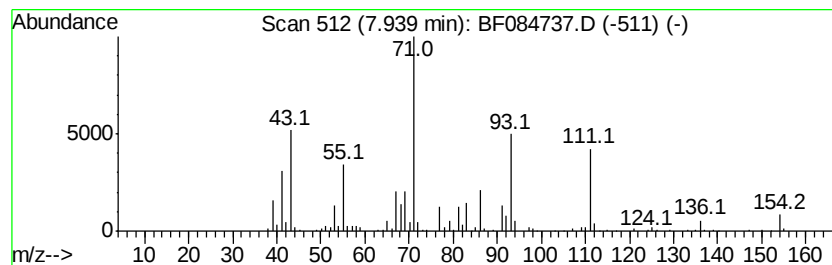
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 3-Cyclohexen-1-ol, 4-methyl... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.94	8.37 ng	584516	Napthalene-d8	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Cyclohexen-1-ol, 4-methyl-1-(1...	154	C10H18O	000562-74-3	93
2		3-Cyclohexen-1-ol, 4-methyl-1-(1...	154	C10H18O	020126-76-5	87
3		2-Buten-1-ol, 3-methyl-	86	C5H10O	000556-82-1	38
4		2-Butene, 1-methoxy-, (E)-	86	C5H10O	010034-14-7	38
5		1,6-Octadien-3-ol, 3,7-dimethyl-	154	C10H18O	000078-70-6	37



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020116\
Data File : BF084737.D
Acq On : 2 Feb 2016 4:13
Operator : SJ/IZ
Sample : H1285-19
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B012(30.5-32.5)

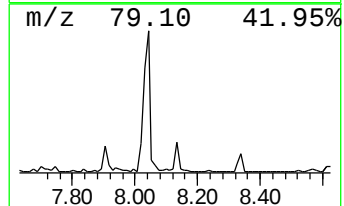
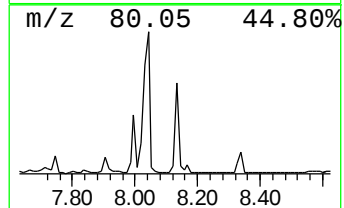
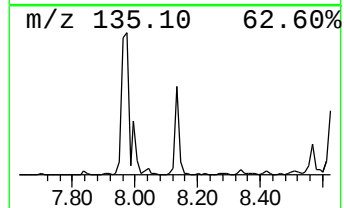
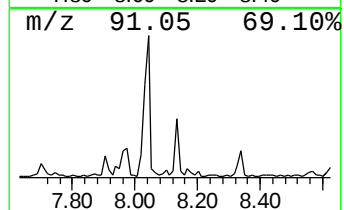
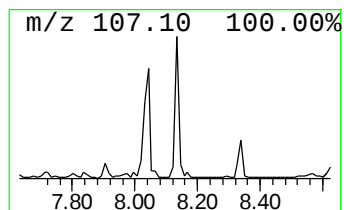
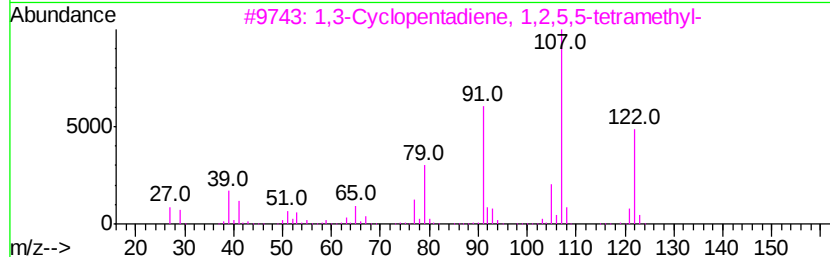
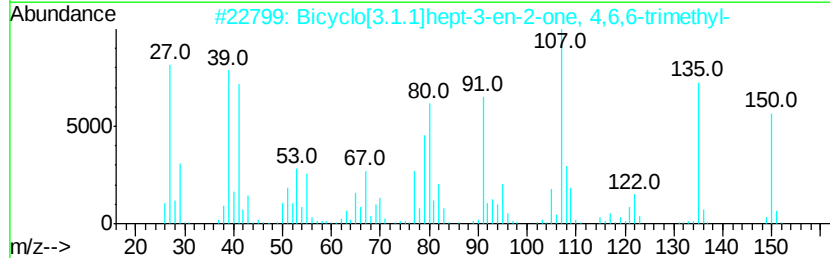
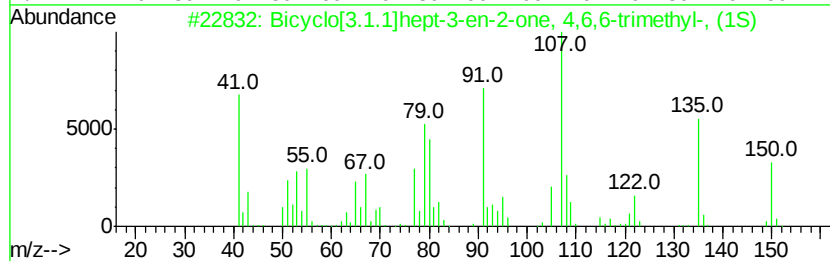
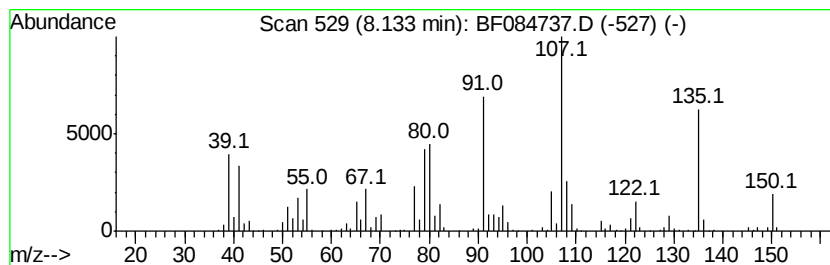
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Bicyclo[3.1.1]hept-3-en-2-o... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.13	8.66 ng	604953	Naphthalene-d8	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[3.1.1]hept-3-en-2-one, 4...	150	C10H14O	001196-01-6	96
2		Bicyclo[3.1.1]hept-3-en-2-one, 4...	150	C10H14O	000080-57-9	86
3		1,3-Cyclopentadiene, 1,2,5,5-tet...	122	C9H14	004249-12-1	50
4		1,3-Cyclopentadiene, 1,3-bis(1-m...	150	C11H18	123278-27-3	46
5		Bicyclo[3.1.1]hept-2-en-6-one, 2...	150	C10H14O	000473-06-3	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020116\
Data File : BF084737.D
Acq On : 2 Feb 2016 4:13
Operator : SJ/IZ
Sample : H1285-19
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B012(30.5-32.5)

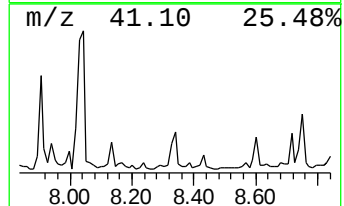
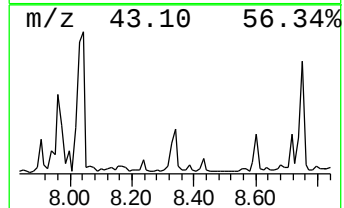
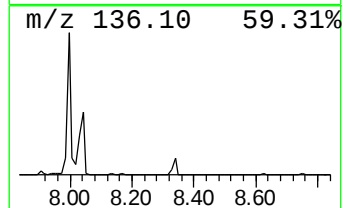
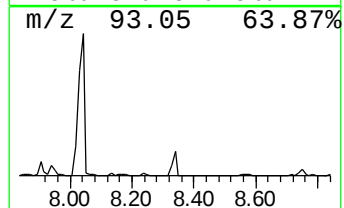
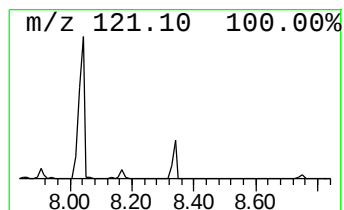
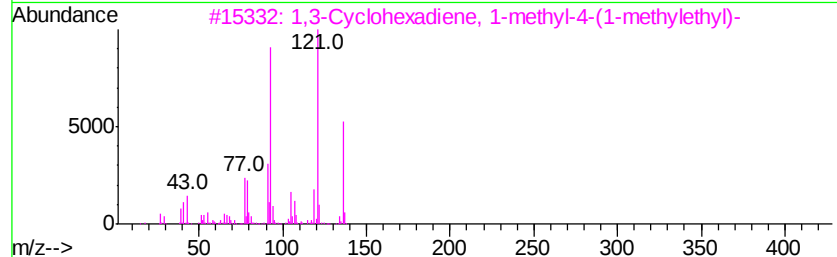
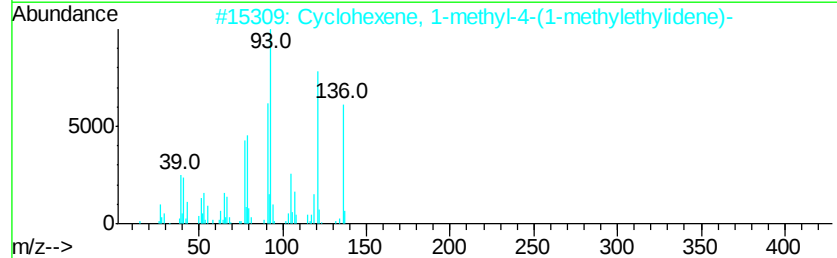
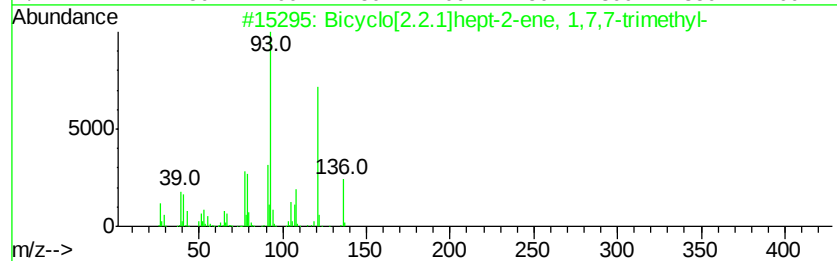
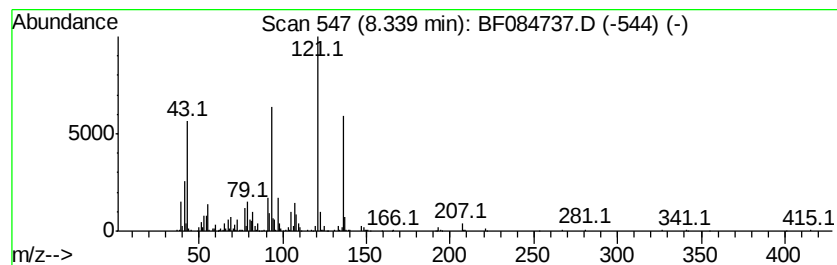
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Bicyclo[2.2.1]hept-2-ene, 1... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.34	14.91 ng	1041650	Naphthalene-d8	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[2.2.1]hept-2-ene, 1,7,7-...	136	C10H16	000464-17-5	90
2		Cyclohexene, 1-methyl-4-(1-methyl-...	136	C10H16	000586-62-9	90
3		1,3-Cyclohexadiene, 1-methyl-4-(...	136	C10H16	000099-86-5	90
4		Cyclopentene, 4-ethenyl-1,5,5-tr...	136	C10H16	001727-69-1	90
5		Bicyclo[2.2.1]hept-2-ene, 2,7,7-...	136	C10H16	000514-14-7	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020116\
Data File : BF084737.D
Acq On : 2 Feb 2016 4:13
Operator : SJ/IZ
Sample : H1285-19
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B012(30.5-32.5)

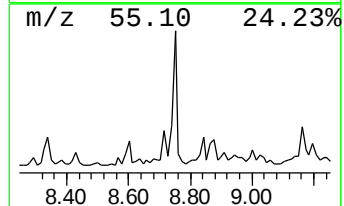
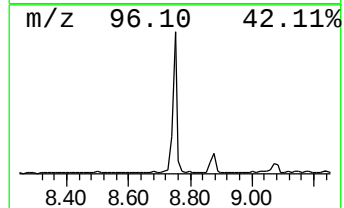
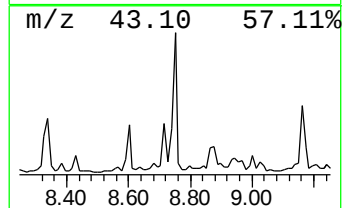
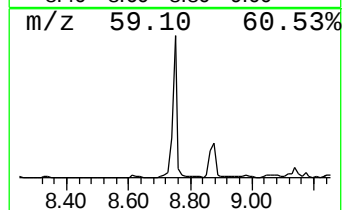
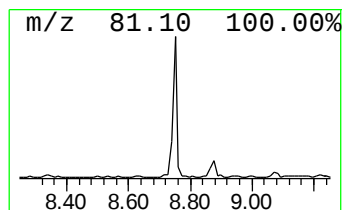
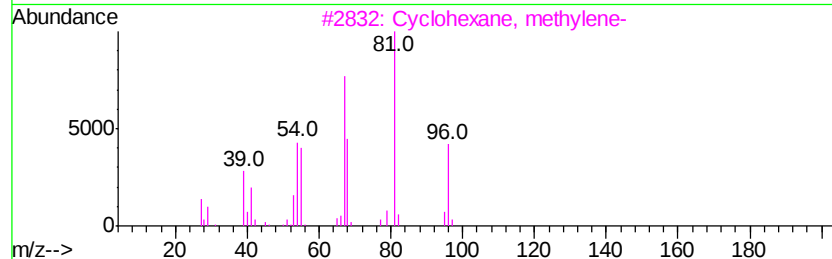
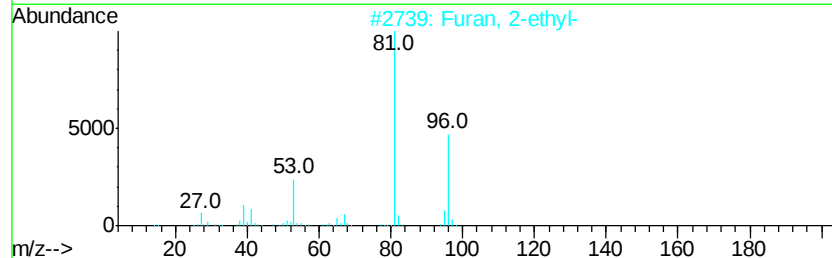
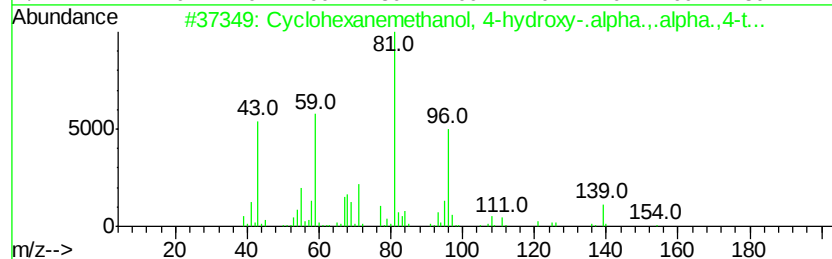
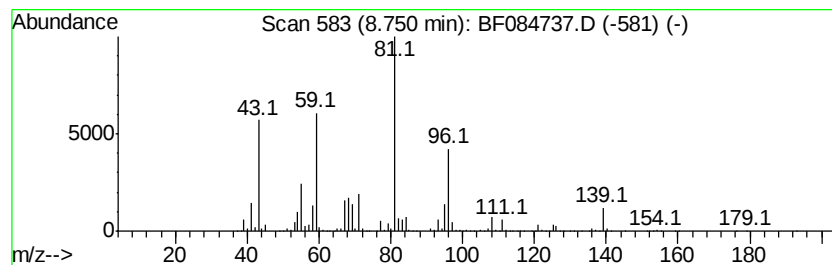
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Cyclohexanemethanol, 4-hydr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	27.59 ng	1927600	Napthalene-d8	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanemethanol, 4-hydroxyv-....	172	C10H20O2	000080-53-5	91
2		Furan, 2-ethyl-	96	C6H8O	003208-16-0	50
3		Cyclohexane, methylene-	96	C7H12	001192-37-6	50
4		Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	50
5		1,4-Hexadiene, 4-methyl-	96	C7H12	001116-90-1	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
Data File : BF084737.D
Acq On : 2 Feb 2016 4:13
Operator : SJ/IZ
Sample : H1285-19
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B012(30.5-32.5)

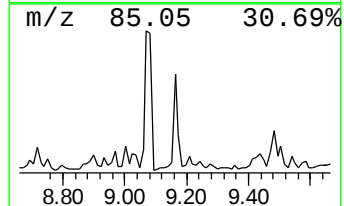
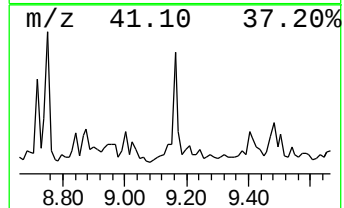
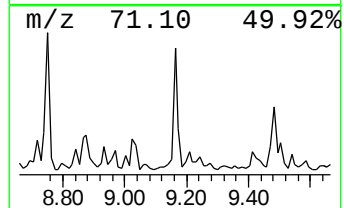
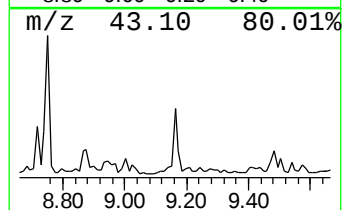
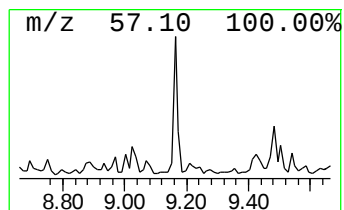
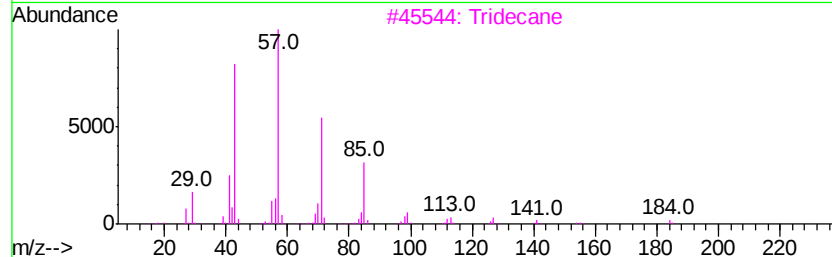
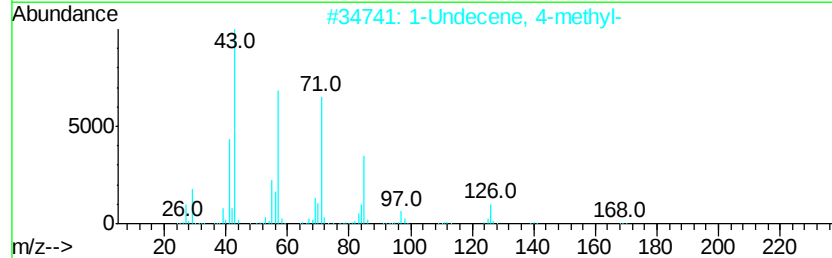
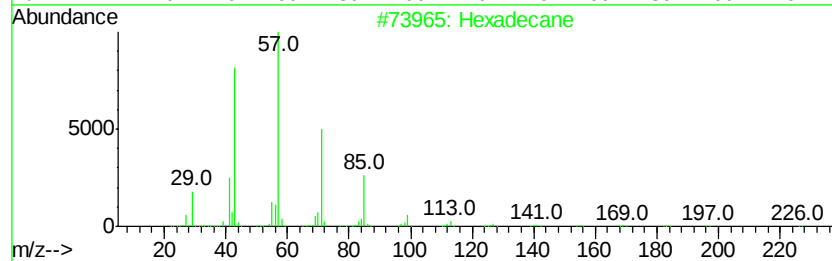
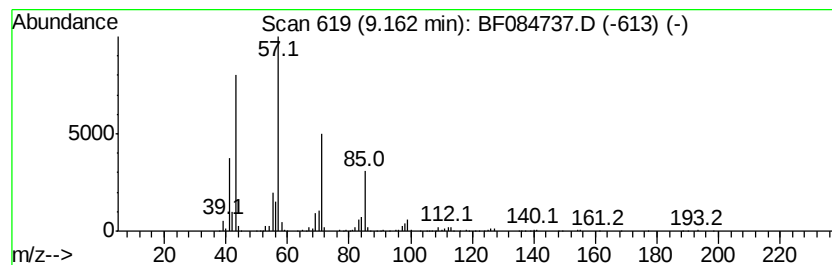
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Hexadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.16	10.93 ng	833815	Acenaphthene-d10	9.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	91
2		1-Undecene, 4-methyl-	168	C12H24	074630-39-0	87
3		Tridecane	184	C13H28	000629-50-5	86
4		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	80
5		Undecane	156	C11H24	001120-21-4	78



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
Data File : BF084737.D
Acq On : 2 Feb 2016 4:13
Operator : SJ/IZ
Sample : H1285-19
Misc :
ALS Vial : 35 Sample Multiplier: 1

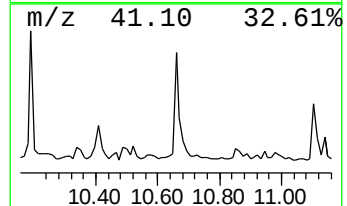
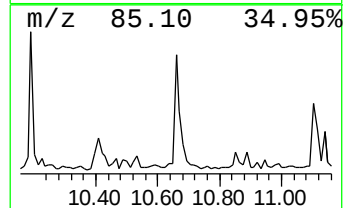
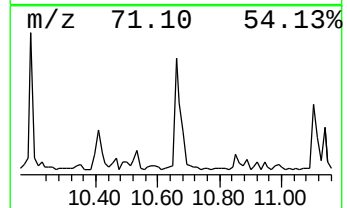
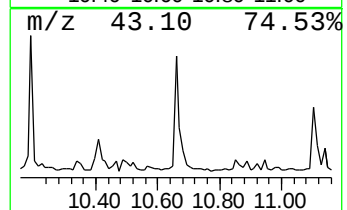
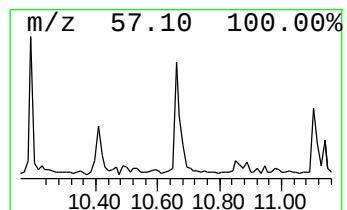
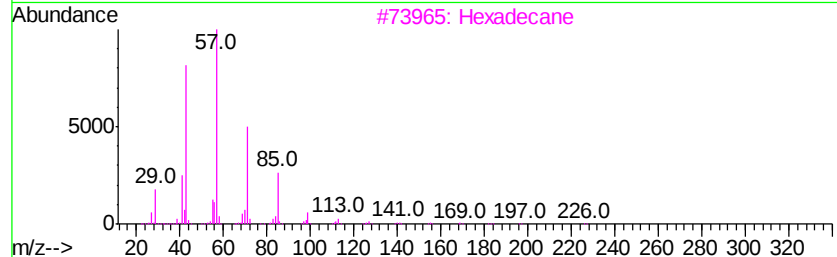
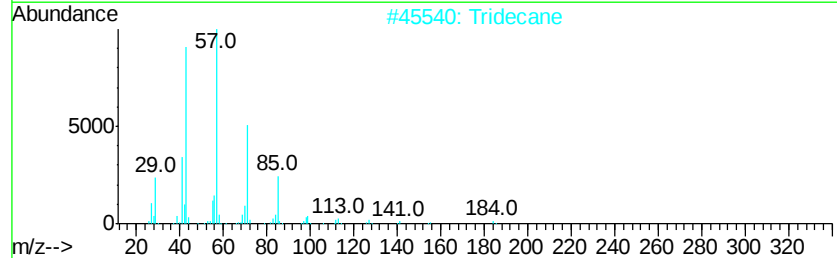
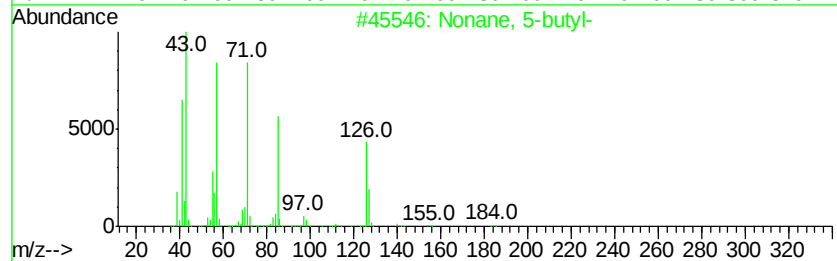
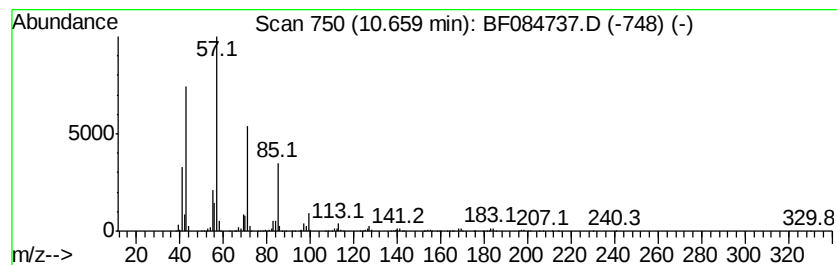
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Nonane, 5-butyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	12.26 ng	950115	Phenanthrene-d10	11.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Nonane, 5-butyl-	184 C13H28	017312-63-9	94
2	Tridecane	184 C13H28	000629-50-5	91
3	Hexadecane	226 C16H34	000544-76-3	91
4	Pentadecane	212 C15H32	000629-62-9	90
5	Tridecane, 2-methyl-	198 C14H30	001560-96-9	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020116\
Data File : BF084737.D
Acq On : 2 Feb 2016 4:13
Operator : SJ/IZ
Sample : H1285-19
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B012(30.5-32.5)

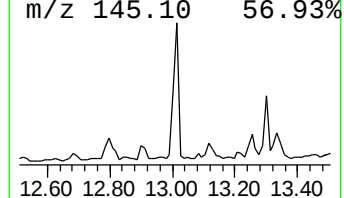
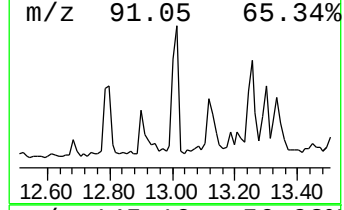
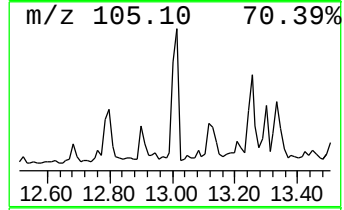
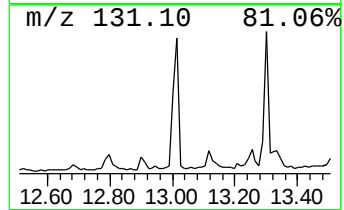
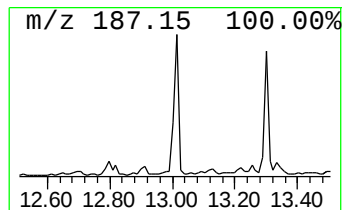
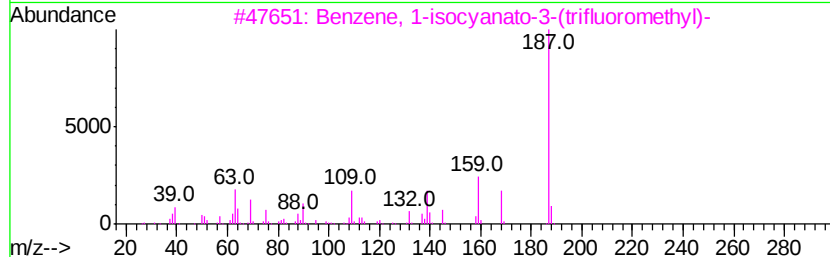
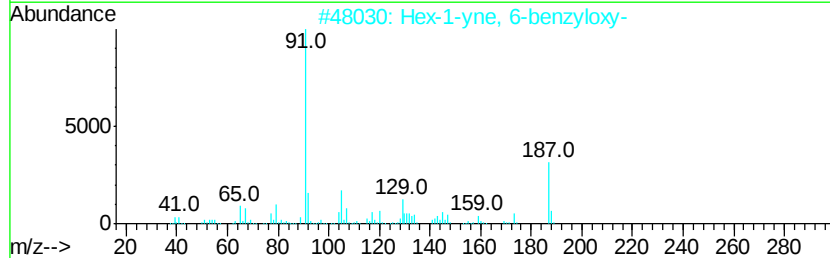
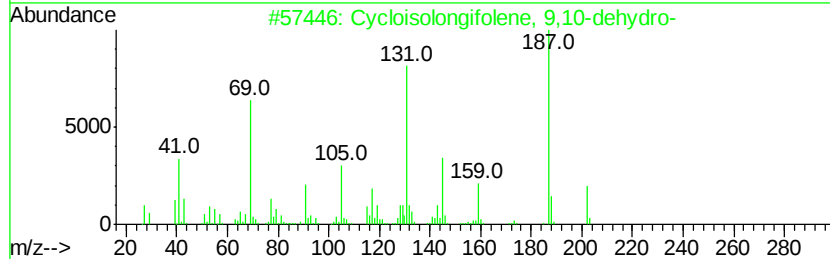
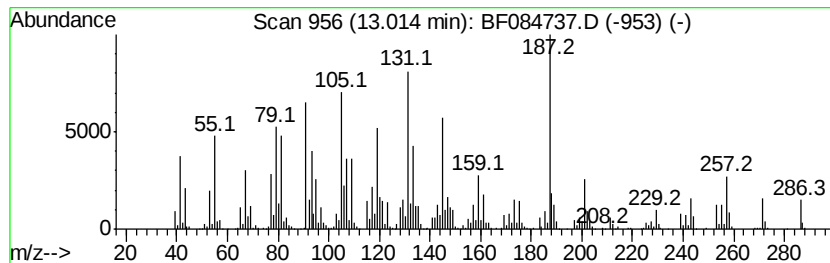
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Cycloisolongifolene, 9,10-d... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	10.62 ng	1156180	Chrysene-d12	13.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cycloisolongifolene, 9,10-dehydro-	202	C15H22	1000156-81-6	53
2		Hex-1-yne, 6-benzoyloxy-	188	C13H16O	060789-55-1	25
3		Benzene, 1-isocyanato-3-(trifluo...	187	C8H4F3NO	000329-01-1	18
4		Benzene, 1,2-dichloro-4-isocyanato-	187	C7H3Cl2NO	000102-36-3	18
5		Benzene, 1-(1-buten-3-yl)-4-pentyl-	202	C15H22	1000161-70-6	18



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
Data File : BF084737.D
Acq On : 2 Feb 2016 4:13
Operator : SJ/IZ
Sample : H1285-19
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B012(30.5-32.5)

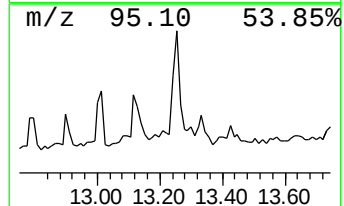
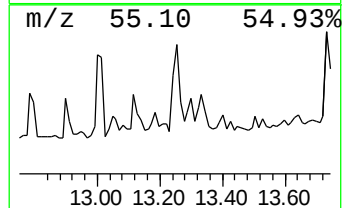
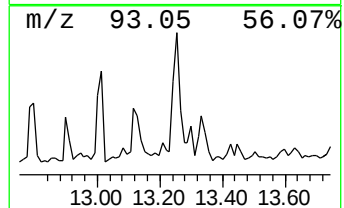
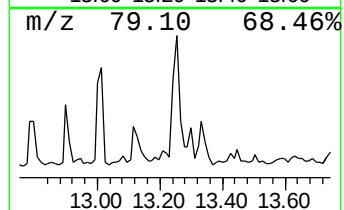
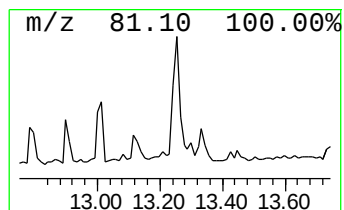
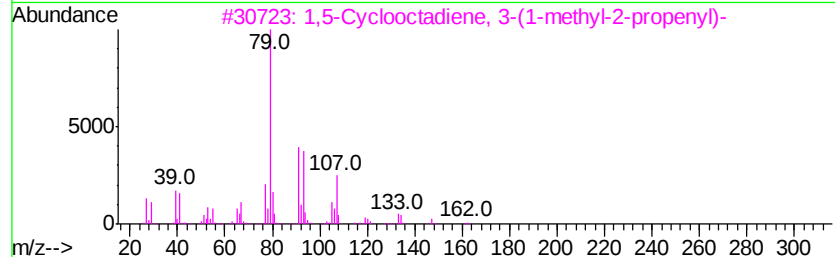
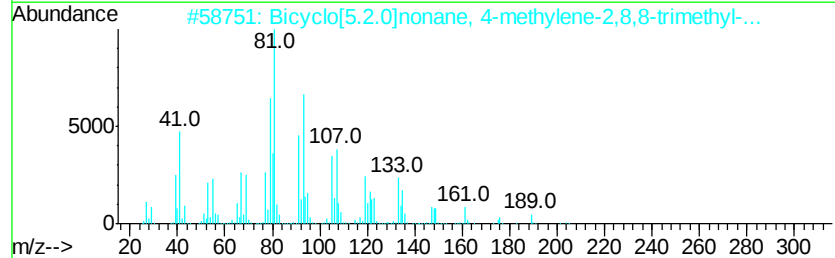
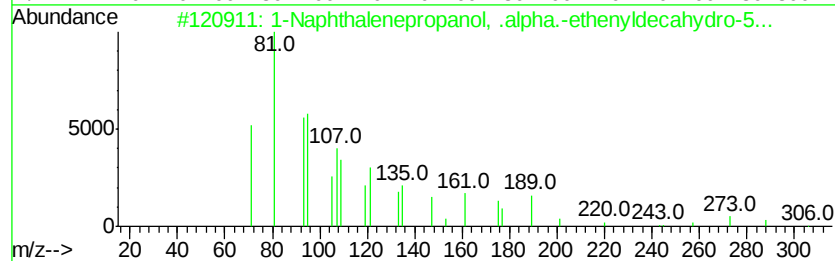
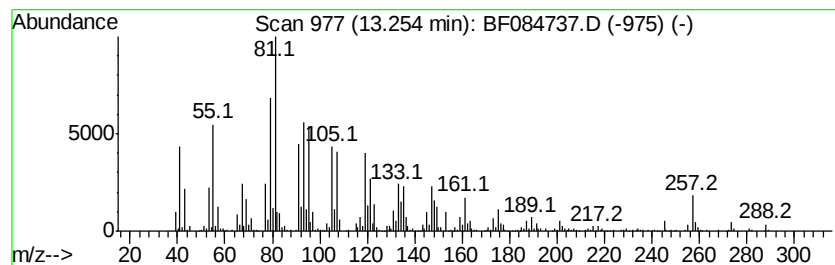
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 1-Naphthalenepropanol, .alp... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	9.06 ng	986056	Chrysene-d12	13.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Naphthalenepropanol, .alpha.-e...	306	C20H34O2	004549-12-6	58
2			Bicyclo[5.2.0]nonane, 4-methylen...	204	C15H24	1000159-38-2	49
3			1,5-Cyclooctadiene, 3-(1-methyl-...	162	C12H18	016538-88-8	35
4			Bicyclo[4.3.0]nonane, 7-methylen...	204	C15H24	1000156-11-9	30
5			Cyclohexene, 4-(1,5-dimethyl-1,4...	204	C15H24	017627-44-0	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020116\
 Data File : BF084737.D
 Acq On : 2 Feb 2016 4:13
 Operator : SJ/IZ
 Sample : H1285-19
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B012(30.5-32.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.88	72.1	ng	3990550	1	6.70	1107160	20.0
.alpha.-Pinene	5.98	176.7	ng	9779230	1	6.70	1107160	20.0
Camphene	6.14	16.2	ng	895813	1	6.70	1107160	20.0
unknown6.48	6.48	80.1	ng	4436380	1	6.70	1107160	20.0
.alpha.-Phellandrene	6.64	10.2	ng	562268	1	6.70	1107160	20.0
Benzene, 1-methyl...	6.80	25.6	ng	1419300	1	6.70	1107160	20.0
Bicyclo[2.2.1]hep...	7.53	21.2	ng	1482570	2	8.00	1397510	20.0
Bicyclo[3.1.1]hep...	7.70	7.6	ng	531293	2	8.00	1397510	20.0
Borneol	7.90	27.1	ng	1891860	2	8.00	1397510	20.0
3-Cyclohexen-1-ol...	7.94	8.4	ng	584516	2	8.00	1397510	20.0
Bicyclo[3.1.1]hep...	8.13	8.7	ng	604953	2	8.00	1397510	20.0
Bicyclo[2.2.1]hep...	8.34	14.9	ng	1041650	2	8.00	1397510	20.0
Cyclohexanemethan...	8.75	27.6	ng	1927600	2	8.00	1397510	20.0
Hexadecane	9.16	10.9	ng	833815	3	9.74	1525210	20.0
Nonane, 5-butyl-	10.66	12.3	ng	950115	4	11.23	1550450	20.0
Cycloisolongifole...	13.01	10.6	ng	1156180	5	13.86	2176520	20.0
1-Naphthaleneprop...	13.25	9.1	ng	986056	5	13.86	2176520	20.0