

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012916\
 Data File : BF084640.D
 Acq On : 29 Jan 2016 17:09
 Operator : SJ/IZ
 Sample : H1257-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B016(12.5-13)

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-BF012916.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	2.670	46	51	53	rVV	86515	230248	3.56%	0.213%
2	2.715	53	55	58	rVB	96976	158807	2.45%	0.147%
3	2.933	64	74	79	rBV3	69379	269526	4.16%	0.250%
4	3.104	83	89	94	rVB2	49919	138723	2.14%	0.129%
5	3.367	106	112	121	rVB	78783	234256	3.62%	0.217%
6	3.550	121	128	131	rBV3	105266	329366	5.09%	0.305%
7	3.698	136	141	145	rBV	177886	448447	6.93%	0.415%
8	3.870	149	156	159	rBV2	407714	811231	12.53%	0.752%
9	4.041	166	171	173	rBV2	164605	355500	5.49%	0.329%
10	4.098	173	176	179	rVB	108208	202844	3.13%	0.188%
11	4.190	181	184	187	rBV	413371	567795	8.77%	0.526%
12	4.247	187	189	193	rVB2	504687	874420	13.51%	0.810%
13	4.361	195	199	203	rBV2	274727	482457	7.45%	0.447%
14	4.476	207	209	212	rVB	116874	163000	2.52%	0.151%
15	4.544	212	215	217	rBV2	221131	325529	5.03%	0.302%
16	4.590	217	219	221	rBV	275781	388464	6.00%	0.360%
17	4.681	225	227	228	rBV2	108484	198457	3.07%	0.184%
18	4.716	228	230	232	rVB	626738	732378	11.31%	0.678%
19	4.750	232	233	235	rBV2	156101	313022	4.83%	0.290%
20	4.807	235	238	241	rVB2	1149008	1832267	28.30%	1.697%
21	4.898	241	246	252	rVB	3226872	6474349	100.00%	5.998%
22	5.013	252	256	258	rVB2	104763	226773	3.50%	0.210%
23	5.093	260	263	264	rBV	828467	1249042	19.29%	1.157%
24	5.127	264	266	269	rVB2	263558	518498	8.01%	0.480%
25	5.184	269	271	272	rBV	570266	516291	7.97%	0.478%
26	5.287	275	280	281	rBV	516599	791940	12.23%	0.734%
27	5.321	281	283	285	rVB	3464163	4362361	67.38%	4.041%
28	5.378	285	288	291	rVB3	364477	581254	8.98%	0.538%
29	5.424	291	292	294	rBV	171554	217131	3.35%	0.201%
30	5.470	294	296	298	rBV	508248	744783	11.50%	0.690%
31	5.504	298	299	301	rVB	542887	670605	10.36%	0.621%
32	5.550	301	303	307	rVB2	565865	1127373	17.41%	1.044%
33	5.630	307	310	312	rVB	152388	205457	3.17%	0.190%
34	5.721	315	318	320	rVB2	1285558	1921648	29.68%	1.780%

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35	5.779	320	323	328	rBV4	544867	1271041	19.63%	1.177%
36	5.859	328	330	333	rVB	1119174	1595235	24.64%	1.478%
37	5.916	333	335	338	rBV3	469721	998428	15.42%	0.925%
38	5.961	338	339	342	rVB2	1393202	1796712	27.75%	1.664%
39	6.019	342	344	346	rBV	569669	673401	10.40%	0.624%
40	6.156	353	356	358	rBV3	775595	1173426	18.12%	1.087%
41	6.224	358	362	363	rVV4	721883	1251196	19.33%	1.159%
42	6.259	363	365	369	rVV2	612305	1158156	17.89%	1.073%
43	6.316	369	370	372	rVV	489210	600305	9.27%	0.556%
44	6.373	372	375	377	rVV	4648317	5293545	81.76%	4.904%
45	6.419	377	379	381	rVV	301265	411058	6.35%	0.381%
46	6.499	383	386	387	rVV	4116427	5315413	82.10%	4.924%
47	6.521	387	388	389	rVV	188668	178534	2.76%	0.165%
48	6.579	391	393	394	rVV	294242	423156	6.54%	0.392%
49	6.613	394	396	399	rVV4	144432	417280	6.45%	0.387%
50	6.670	399	401	404	rVV4	352639	1007162	15.56%	0.933%
51	6.727	404	406	409	rVV2	1136346	2358571	36.43%	2.185%
52	6.784	409	411	413	rVV	340122	602030	9.30%	0.558%
53	6.853	415	417	418	rVV	845557	1106234	17.09%	1.025%
54	6.876	418	419	421	rVV	3375644	3612972	55.80%	3.347%
55	6.910	421	422	423	rVV	230670	202970	3.13%	0.188%
56	6.979	423	428	429	rVV4	477417	1001457	15.47%	0.928%
57	7.013	429	431	432	rVV	617434	995656	15.38%	0.922%
58	7.047	432	434	435	rVV2	705080	780193	12.05%	0.723%
59	7.081	435	437	439	rVV	577163	907800	14.02%	0.841%
60	7.116	439	440	443	rVV2	509790	843634	13.03%	0.782%
61	7.173	443	445	446	rVV	308538	513800	7.94%	0.476%
62	7.287	450	455	458	rVV2	2443082	4218765	65.16%	3.908%
63	7.333	458	459	460	rVV	197976	203563	3.14%	0.189%
64	7.379	460	463	465	rVV3	508238	914754	14.13%	0.847%
65	7.447	465	469	471	rVV2	408387	1017552	15.72%	0.943%
66	7.504	471	474	475	rVV3	623763	1147248	17.72%	1.063%
67	7.573	478	480	482	rVV	266224	467515	7.22%	0.433%
68	7.619	482	484	485	rVV	712642	806523	12.46%	0.747%
69	7.664	487	488	490	rVV2	423266	586890	9.06%	0.544%
70	7.699	490	491	493	rVV2	507751	718632	11.10%	0.666%
71	7.733	493	494	496	rVV2	375392	626847	9.68%	0.581%

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72	7.779	496	498	500	rVV2	693069	1175856	18.16%	1.089%
73	7.824	500	502	505	rVV3	455861	903792	13.96%	0.837%
74	7.882	505	507	509	rVV	472013	623707	9.63%	0.578%
75	7.973	511	515	516	rVV3	344509	778504	12.02%	0.721%
76	8.007	516	518	519	rVV	1914151	2041006	31.52%	1.891%
77	8.030	519	520	524	rVV2	690467	1395454	21.55%	1.293%
78	8.133	528	529	531	rVV2	160050	239319	3.70%	0.222%
79	8.190	531	534	536	rVV3	241345	538040	8.31%	0.498%
80	8.270	539	541	542	rVV2	202214	309329	4.78%	0.287%
81	8.316	542	545	548	rVV5	258080	692491	10.70%	0.642%
82	8.362	548	549	551	rVV2	154299	257251	3.97%	0.238%
83	8.396	551	552	555	rVV3	341473	427607	6.60%	0.396%
84	8.442	555	556	558	rVV2	241563	355698	5.49%	0.330%
85	8.476	558	559	561	rVV	178836	219378	3.39%	0.203%
86	8.544	561	565	566	rVV3	135432	352763	5.45%	0.327%
87	8.602	569	570	572	rVV2	105746	188562	2.91%	0.175%
88	8.636	572	573	577	rVV3	105841	210088	3.24%	0.195%
89	8.704	577	579	581	rVB2	102425	136491	2.11%	0.126%
90	9.093	610	613	615	rVB	4562405	5087908	78.59%	4.713%
91	9.482	645	647	650	rBV	518814	577690	8.92%	0.535%
92	9.756	669	671	674	rBV	1452933	1529497	23.62%	1.417%
93	10.545	738	740	743	rBV2	2988578	3373774	52.11%	3.125%
94	10.670	749	751	755	rVB2	137806	214593	3.31%	0.199%
95	11.242	798	801	803	rBV	1698931	1632962	25.22%	1.513%
96	12.831	937	940	942	rBV	5309578	5147151	79.50%	4.768%
97	13.756	1018	1021	1028	rBV	135344	394326	6.09%	0.365%
98	13.871	1028	1031	1033	rBV	1886437	1703837	26.32%	1.578%
99	14.717	1103	1105	1107	rVV	205307	219720	3.39%	0.204%
100	15.254	1149	1152	1155	rBV	1182265	1355704	20.94%	1.256%

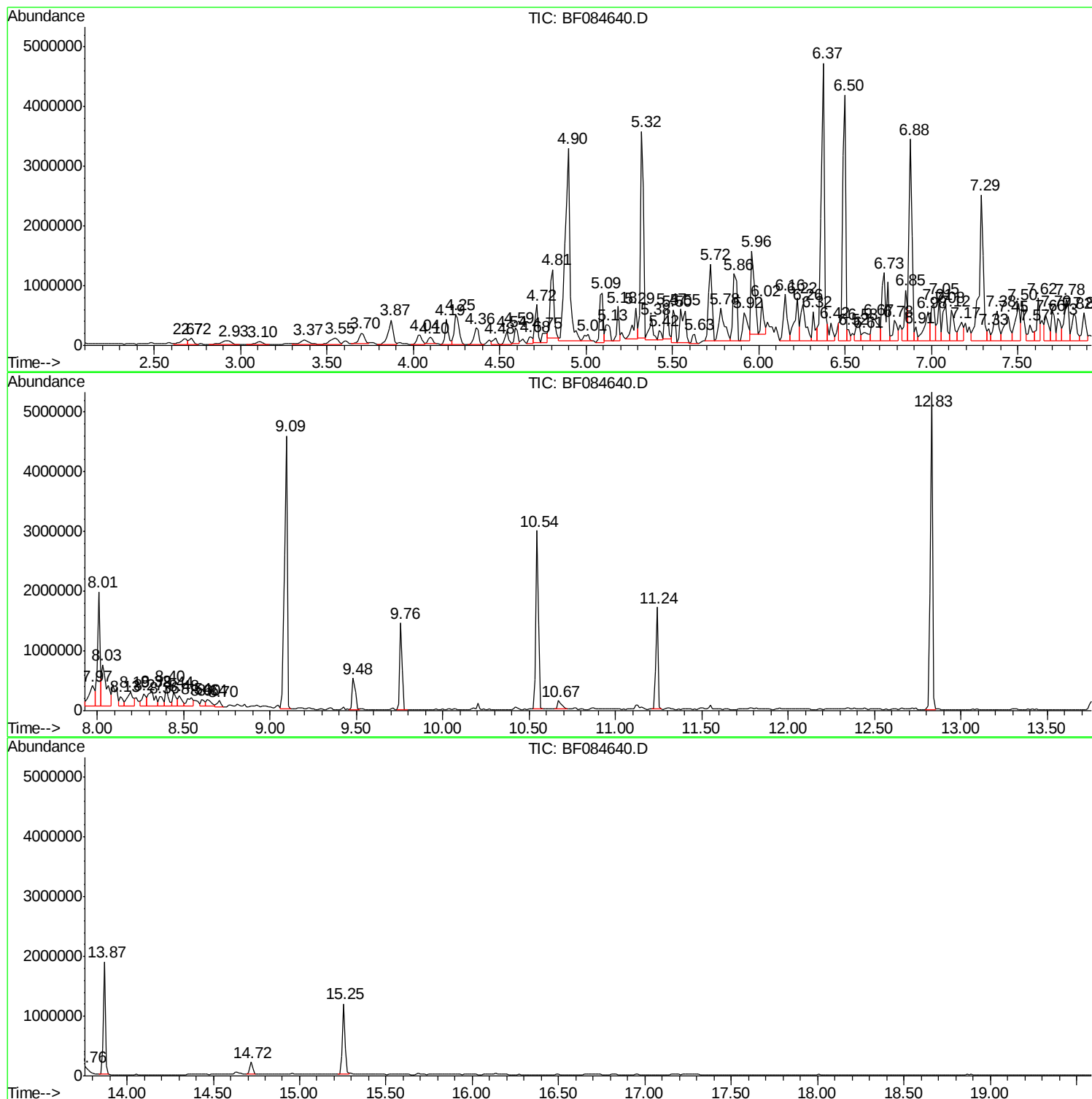
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TIC Library : C:\DATABASE\NIST02.L
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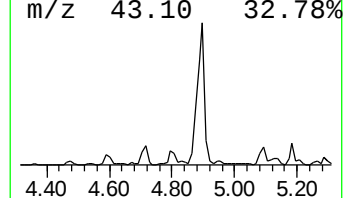
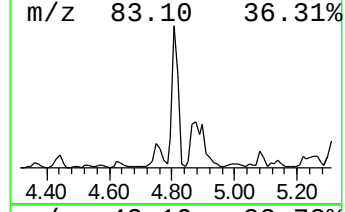
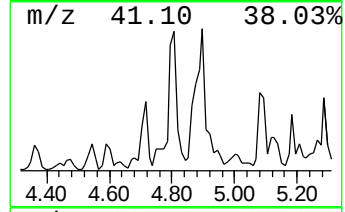
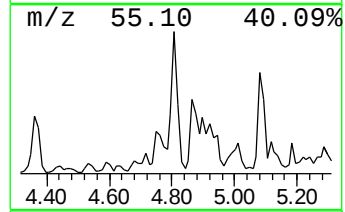
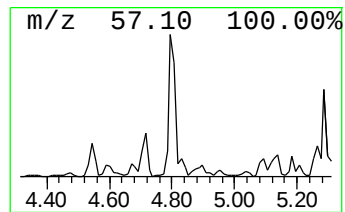
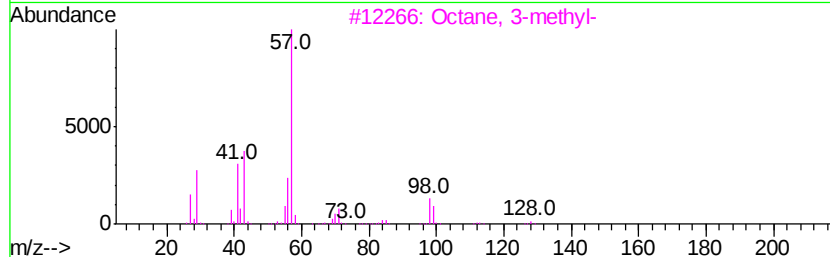
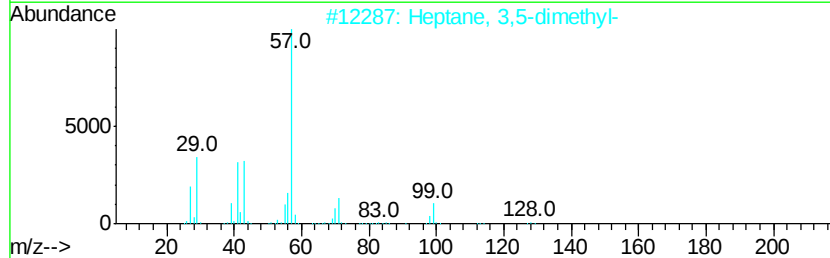
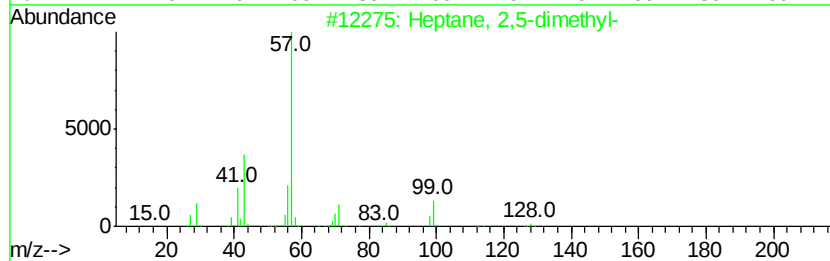
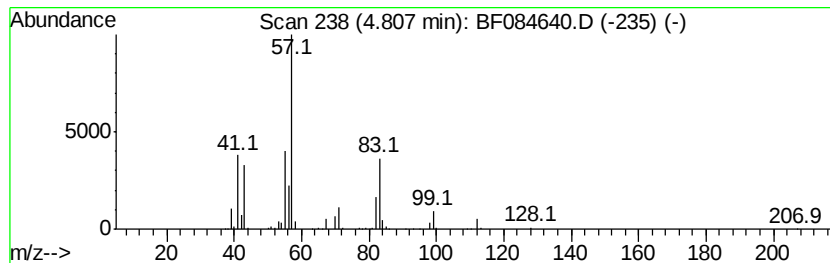
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown4.81 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.81	15.54 ng	1832270	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	47
2		Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	43
3		Octane, 3-methyl-	128	C9H20	002216-33-3	43
4		Hexane, 3-ethyl-4-methyl-	128	C9H20	003074-77-9	27
5		4-Bromoheptane	178	C7H15Br	000998-93-6	27



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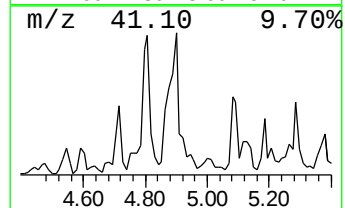
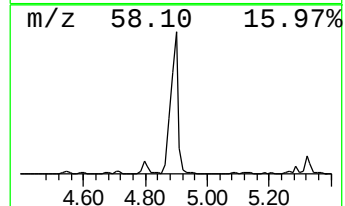
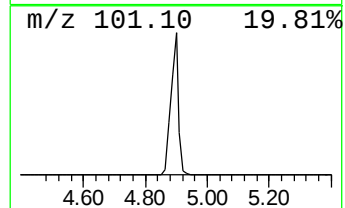
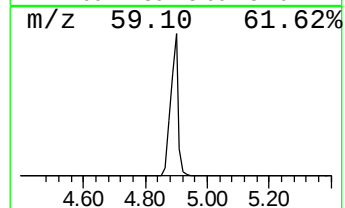
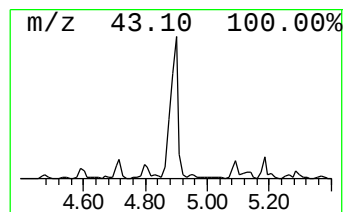
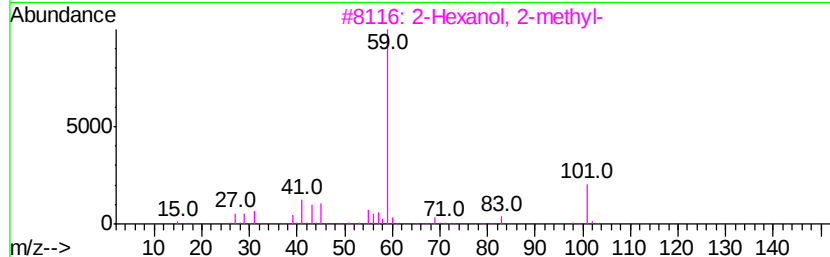
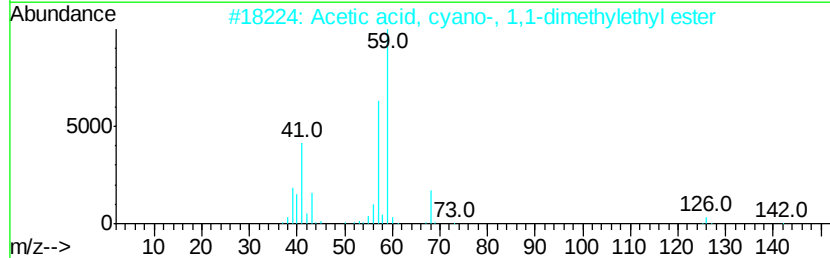
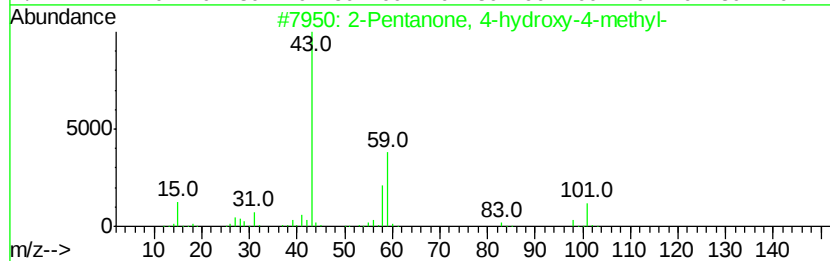
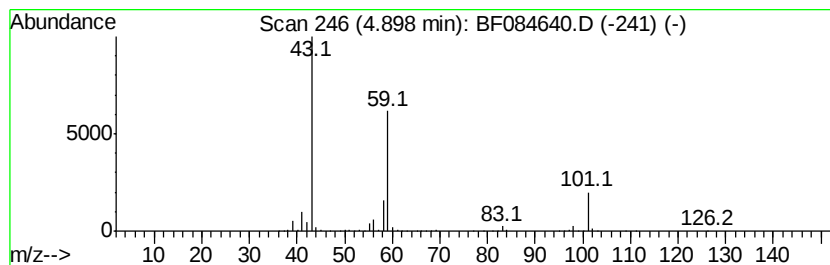
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	54.90 ng	6474350	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	32
3		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	25
5		2-Propyn-1-ol, acetate	98	C5H6O2	000627-09-8	9



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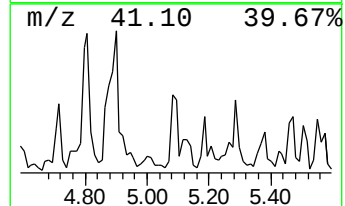
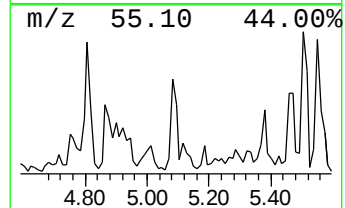
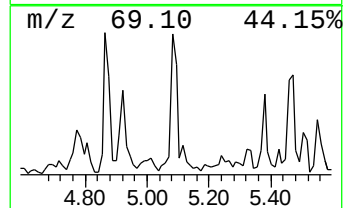
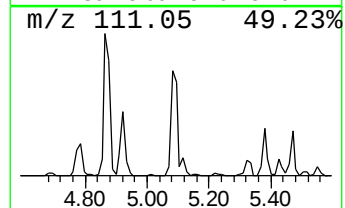
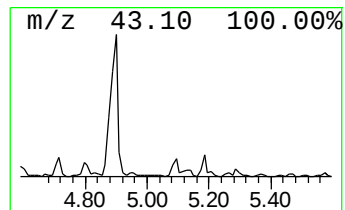
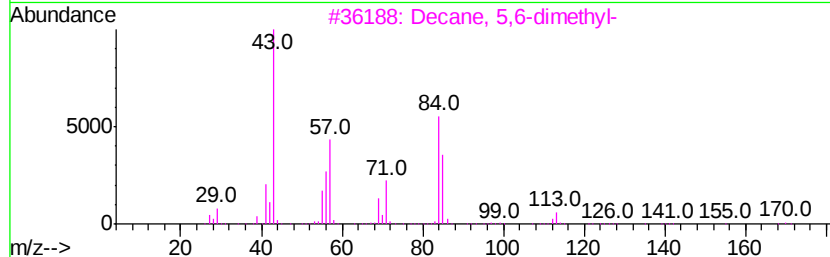
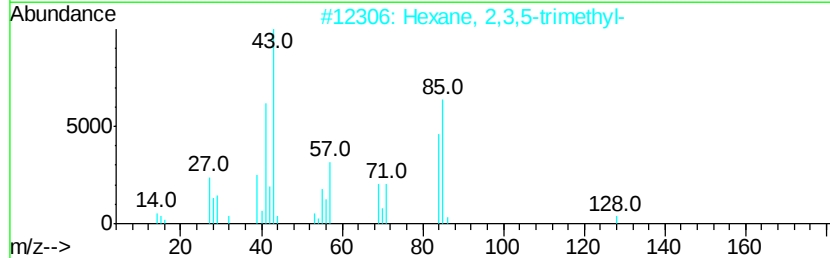
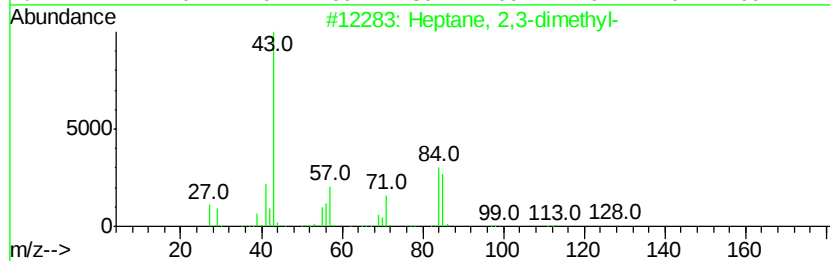
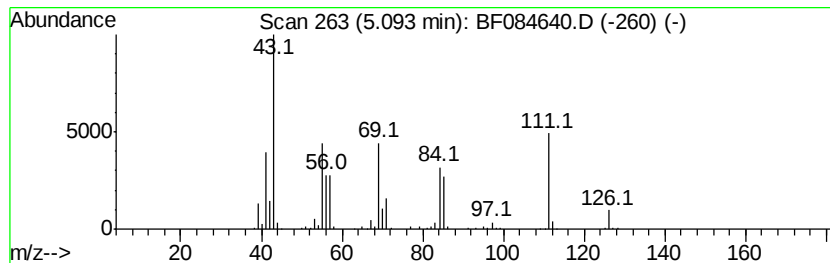
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TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown5.09 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	10.59 ng	1249040	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	38
2		Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	38
3		Decane, 5,6-dimethyl-	170	C12H26	001636-43-7	37
4		Hexane, 3-ethyl-	114	C8H18	000619-99-8	35
5		Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012916\
Data File : BF084640.D
Acq On : 29 Jan 2016 17:09
Operator : SJ/IZ
Sample : H1257-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B016(12.5-13)

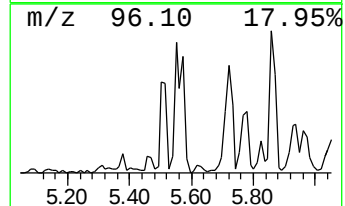
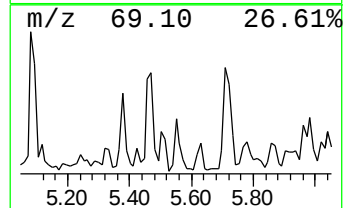
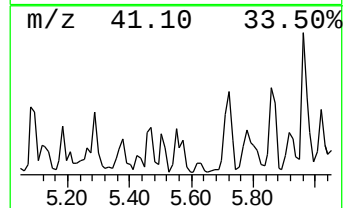
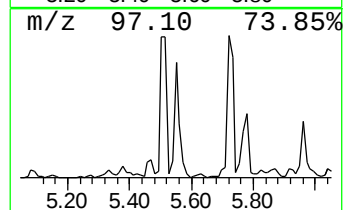
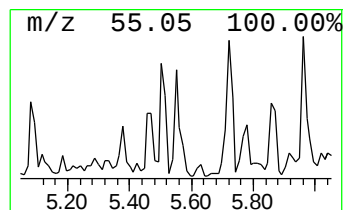
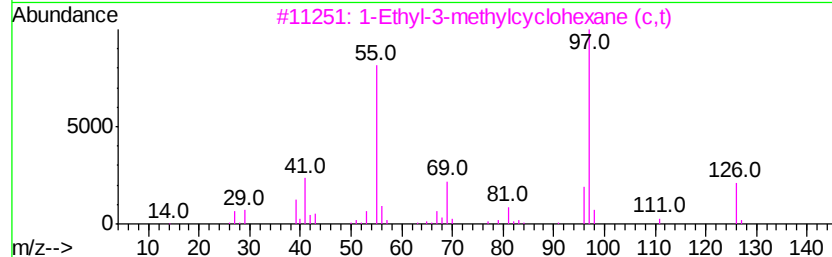
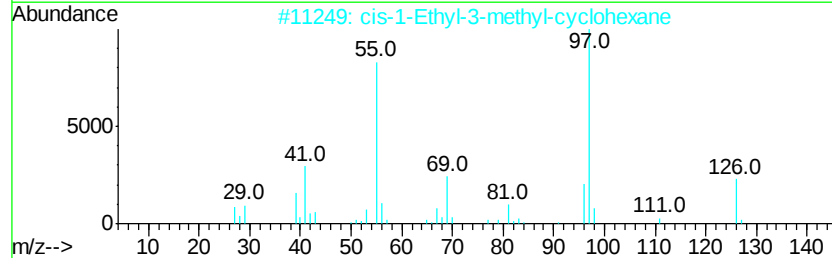
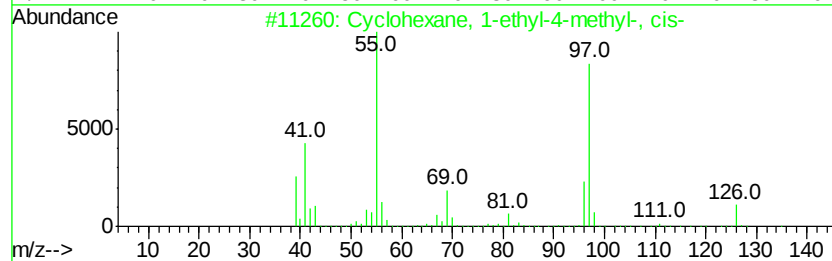
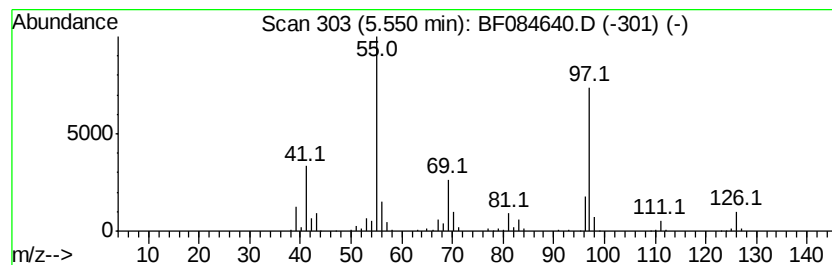
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Cyclohexane, 1-ethyl-4-meth... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.55	9.56 ng	1127370	1,4-Dichlorobenzene-d4	6.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	90
2			cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	86
3			1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	86
4			Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	83
5			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	78



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012916\
Data File : BF084640.D
Acq On : 29 Jan 2016 17:09
Operator : SJ/IZ
Sample : H1257-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SUP-B016(12.5-13)

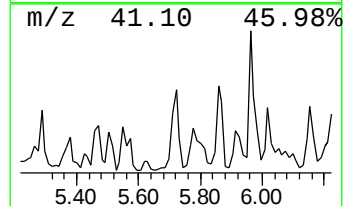
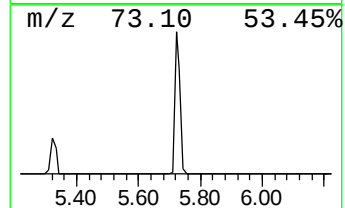
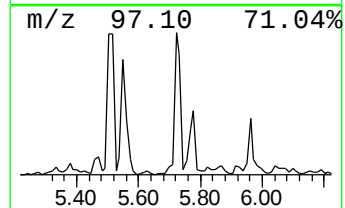
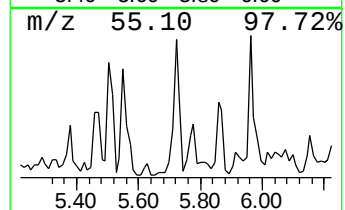
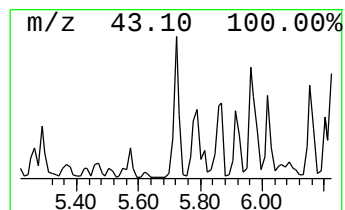
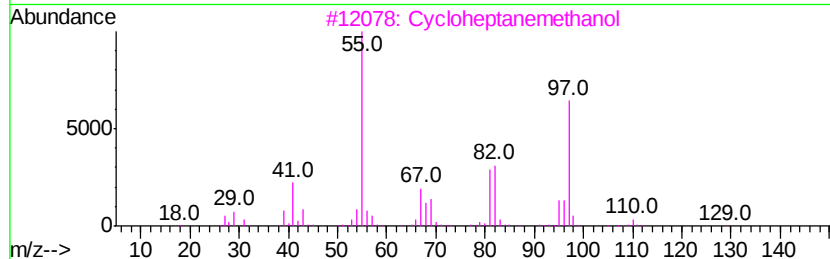
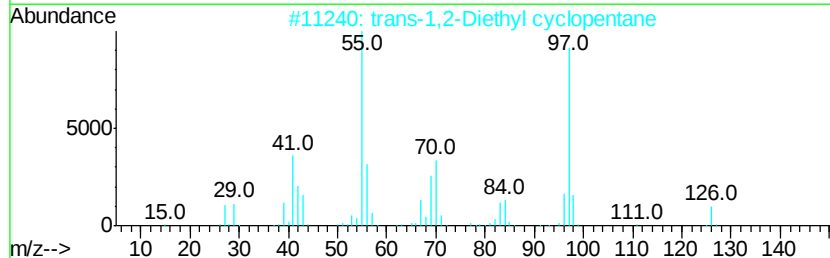
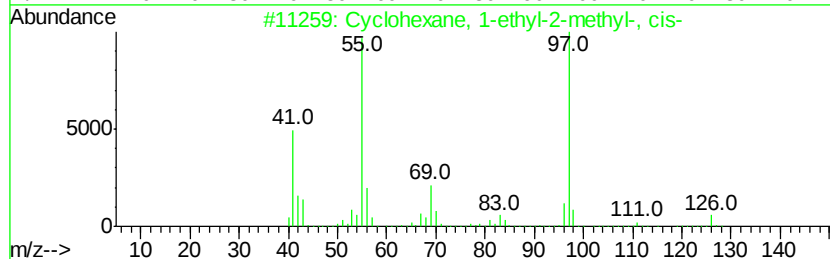
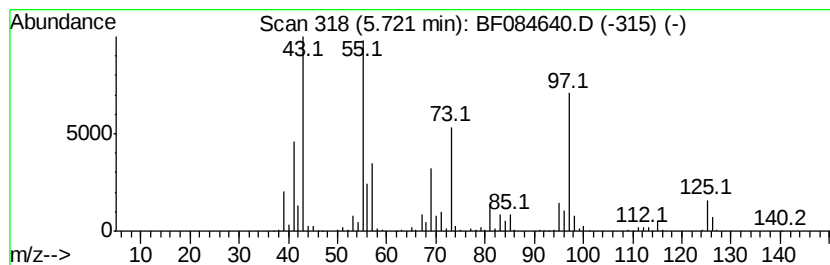
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Cyclohexane, 1-ethyl-2-meth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.72	16.30 ng	1921650	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	64
2		trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	52
3		Cycloheptanemethanol	128	C8H16O	004448-75-3	50
4		3-Nonanol, 2-methyl-	158	C10H22O	026533-33-5	50
5		Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012916\
Data File : BF084640.D
Acq On : 29 Jan 2016 17:09
Operator : SJ/IZ
Sample : H1257-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SUP-B016(12.5-13)

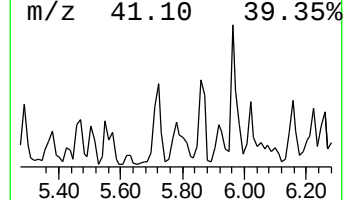
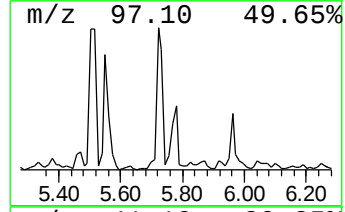
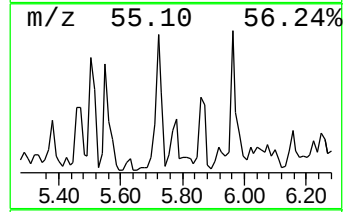
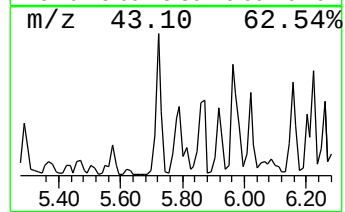
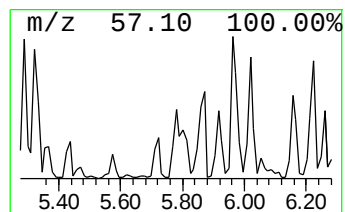
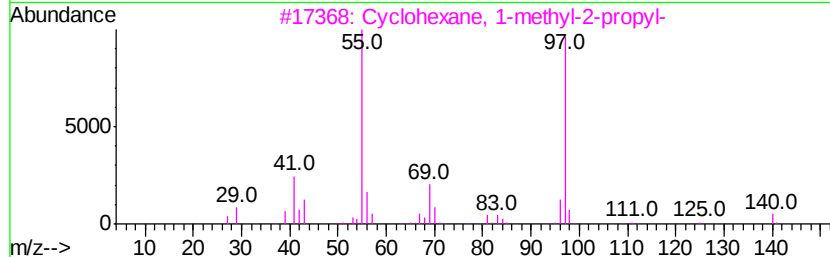
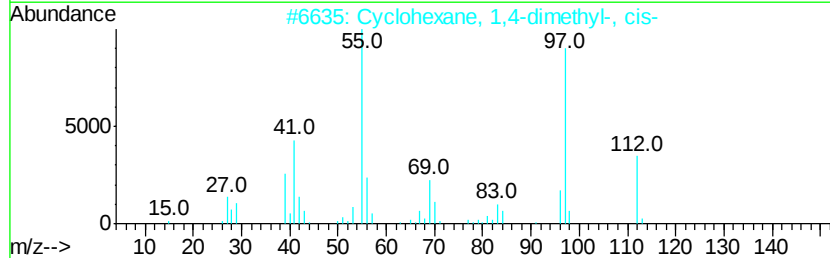
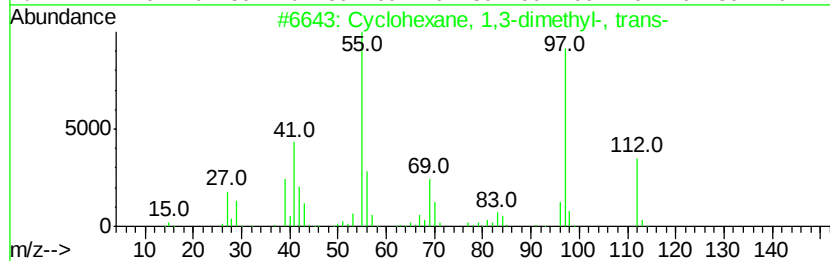
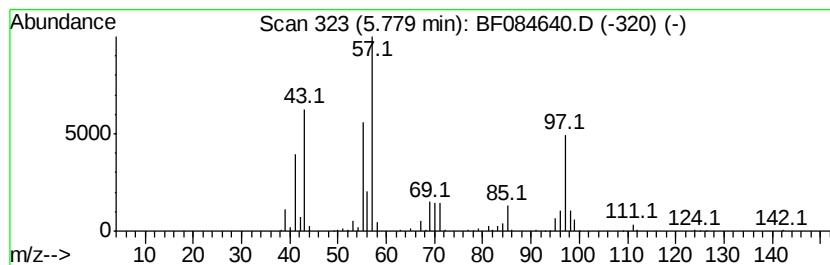
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown5.78 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.78	10.78 ng	1271040	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	47
2		Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	38
3		Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	38
4		Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	38
5		Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012916\
Data File : BF084640.D
Acq On : 29 Jan 2016 17:09
Operator : SJ/IZ
Sample : H1257-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B016(12.5-13)

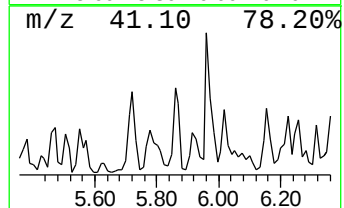
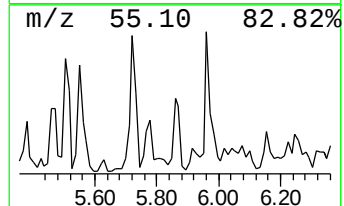
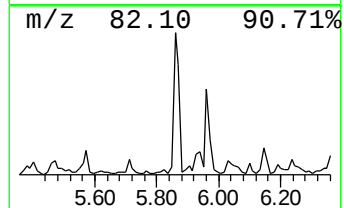
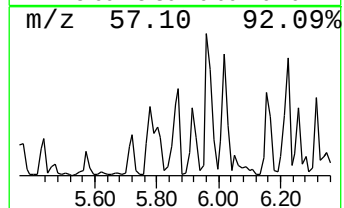
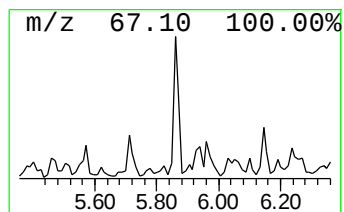
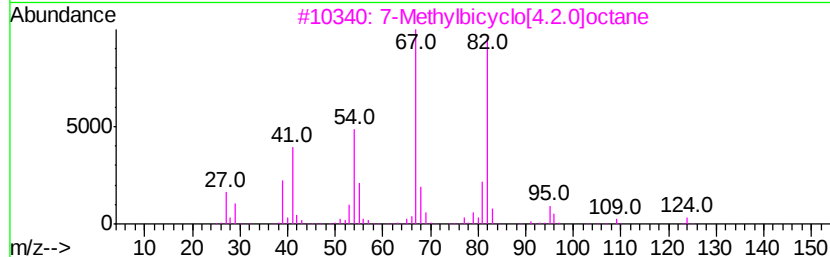
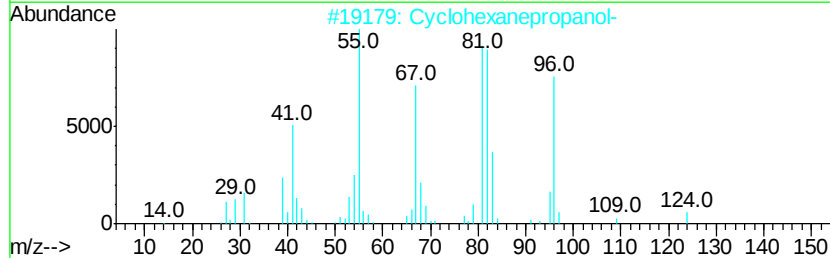
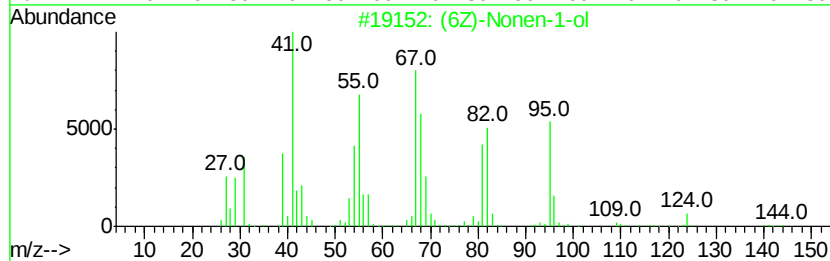
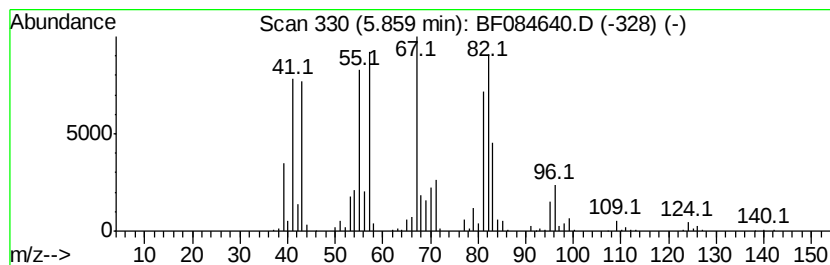
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown5.86 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.86	13.53 ng	1595240	1,4-Dichlorobenzene-d4	6.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			(6Z)-Nonen-1-ol	142	C9H18O	035854-86-5	47
2			Cyclohexanepropanol-	142	C9H18O	001124-63-6	43
3			7-Methylbicyclo[4.2.0]octane	124	C9H16	1000210-90-2	43
4			4-Methyl-1,3-pentadiene	82	C6H10	000926-56-7	38
5			Cis-bicyclo[4.2.0]octane	110	C8H14	028282-35-1	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012916\
Data File : BF084640.D
Acq On : 29 Jan 2016 17:09
Operator : SJ/IZ
Sample : H1257-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SUP-B016(12.5-13)

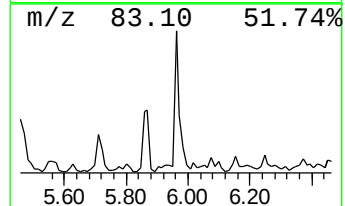
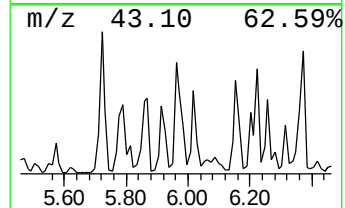
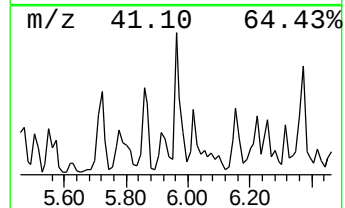
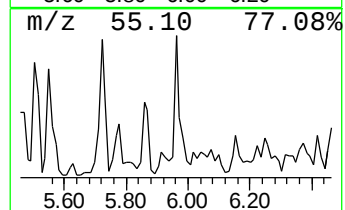
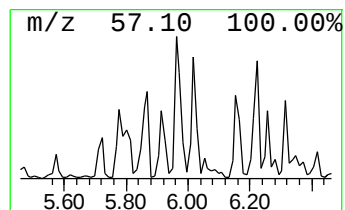
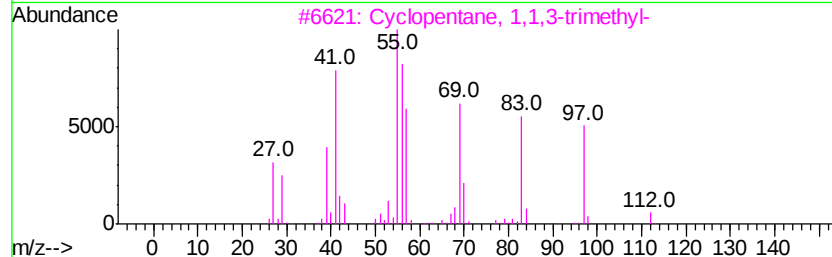
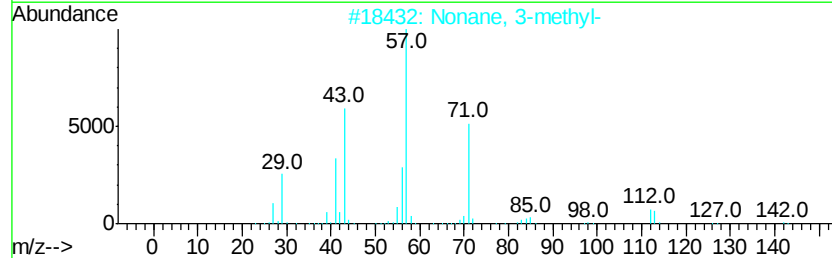
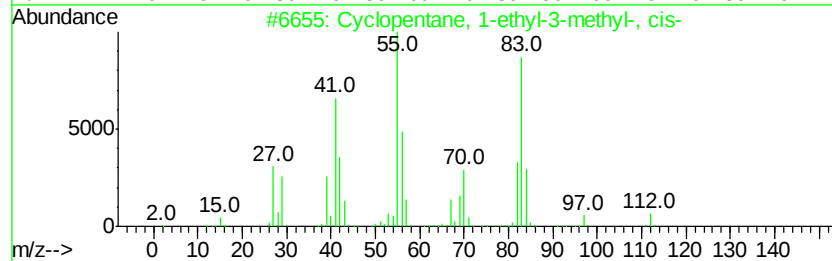
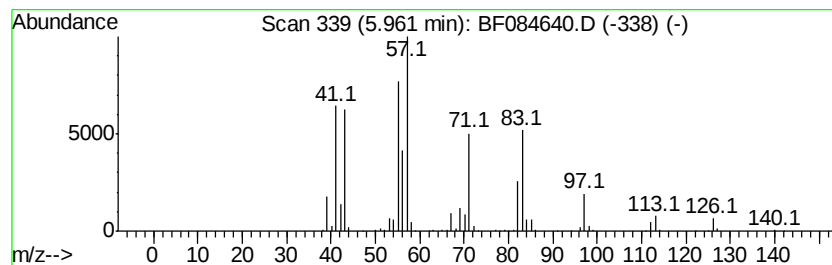
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown5.96 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.96	15.24 ng	1796710	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1-ethyl-3-methyl-, ...	112	C8H16	002613-66-3	49
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	38
3		Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	38
4		3-Hexene, 2,2-dimethyl-, (E)-	112	C8H16	000690-93-7	38
5		1-Hexene, 5,5-dimethyl-	112	C8H16	007116-86-1	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012916\
Data File : BF084640.D
Acq On : 29 Jan 2016 17:09
Operator : SJ/IZ
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ClientSampleId :
SUP-B016(12.5-13)

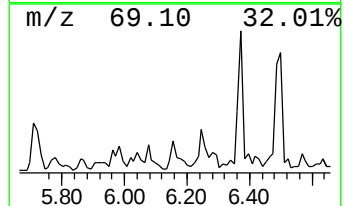
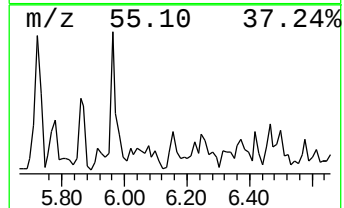
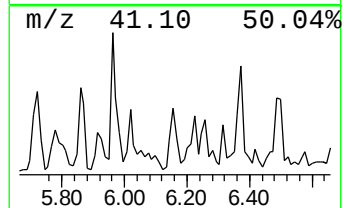
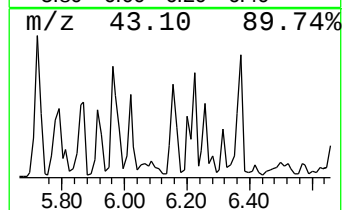
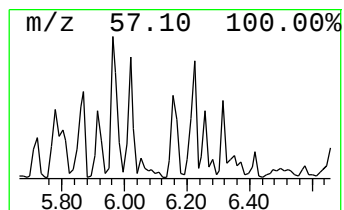
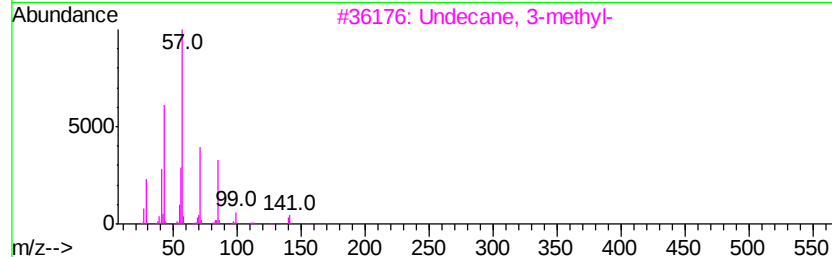
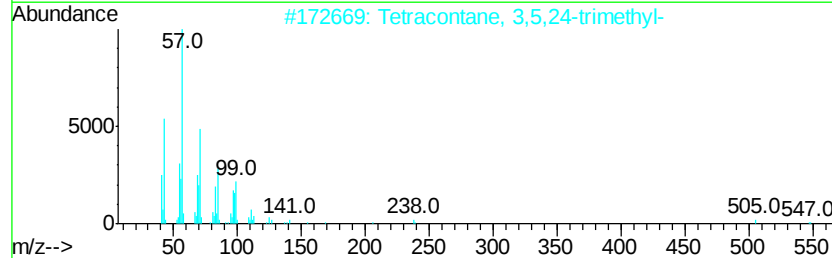
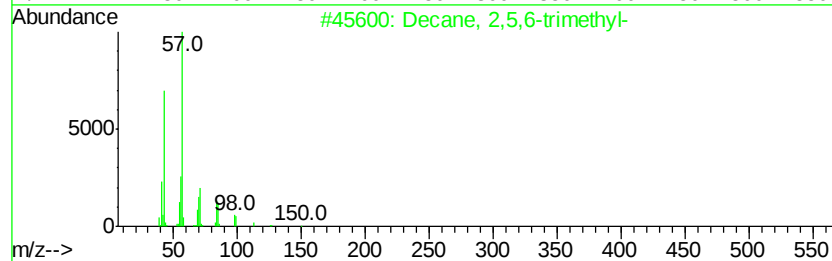
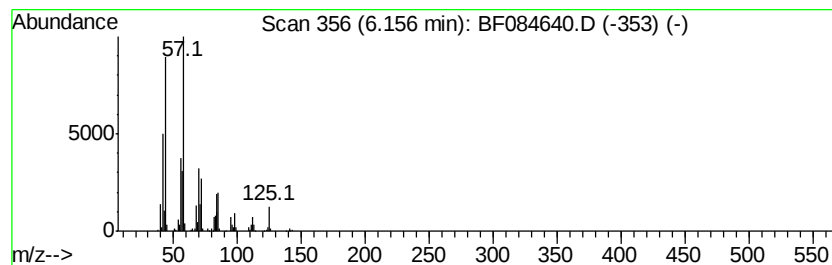
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Decane, 2,5,6-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	9.95 ng	1173430	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	59
2		Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	53
3		Undecane, 3-methyl-	170	C12H26	001002-43-3	47
4		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	47
5		Ether, heptyl hexyl	200	C13H28O	007289-40-9	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012916\
Data File : BF084640.D
Acq On : 29 Jan 2016 17:09
Operator : SJ/IZ
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SUP-B016(12.5-13)

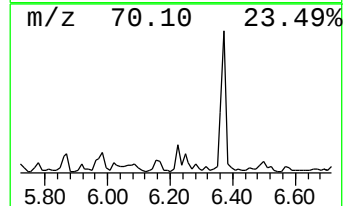
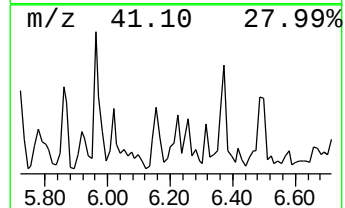
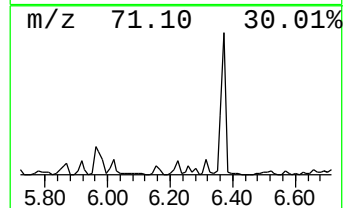
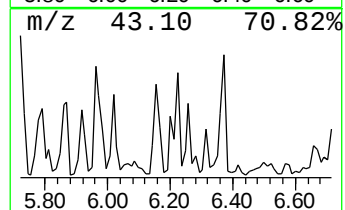
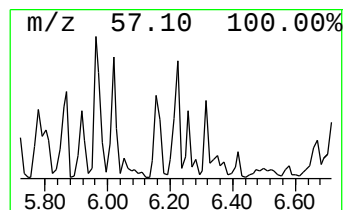
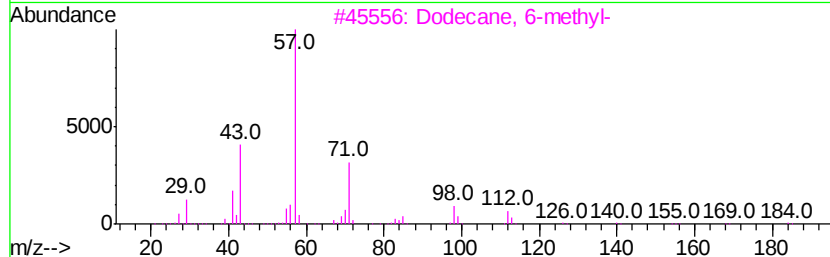
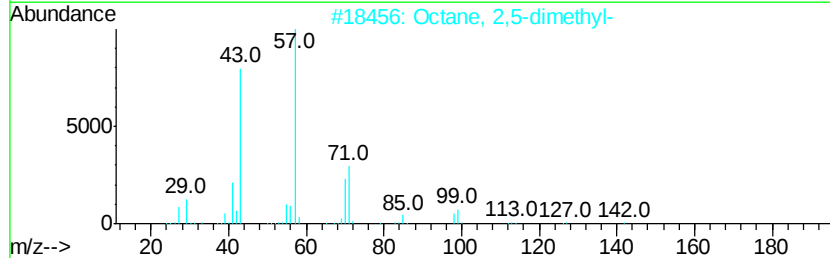
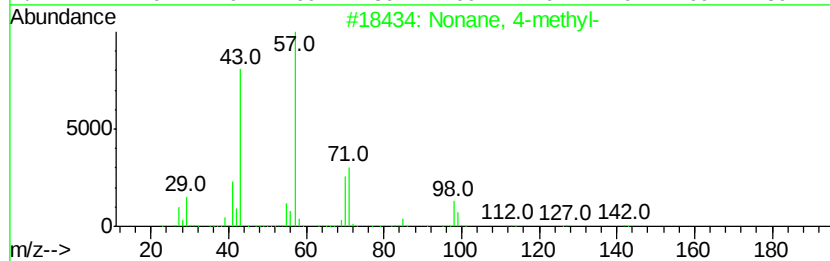
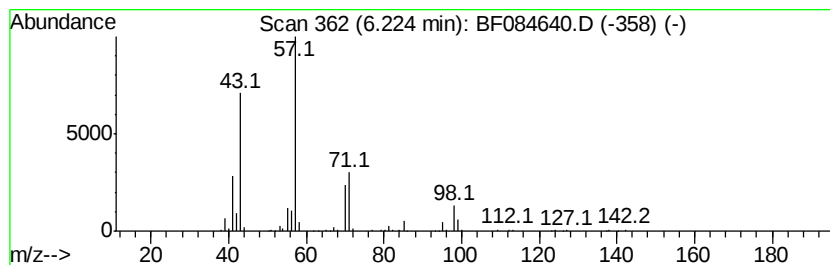
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Nonane, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.22	10.61 ng	1251200	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 4-methyl-	142	C10H22	017301-94-9	94
2		Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	90
3		Dodecane, 6-methyl-	184	C13H28	006044-71-9	53
4		Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	53
5		Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012916\
Data File : BF084640.D
Acq On : 29 Jan 2016 17:09
Operator : SJ/IZ
Sample : H1257-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SUP-B016(12.5-13)

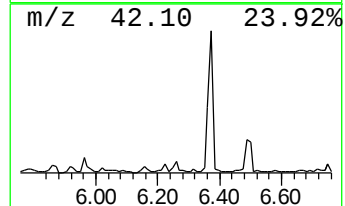
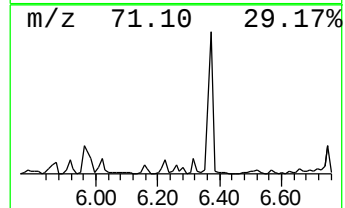
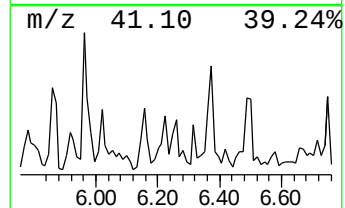
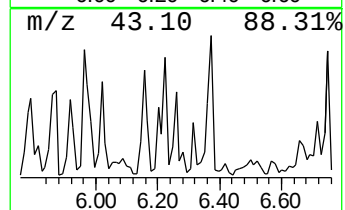
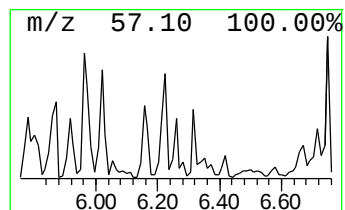
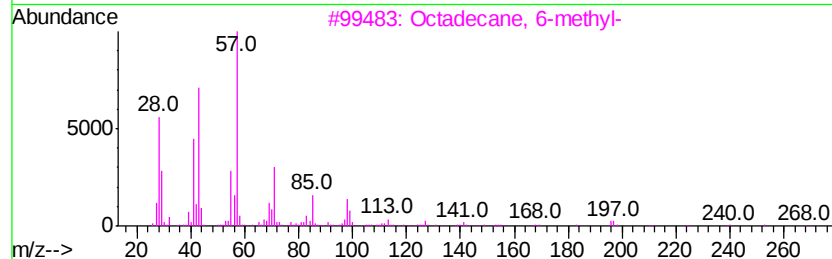
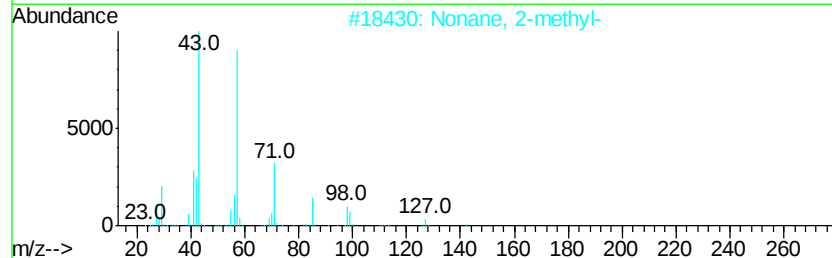
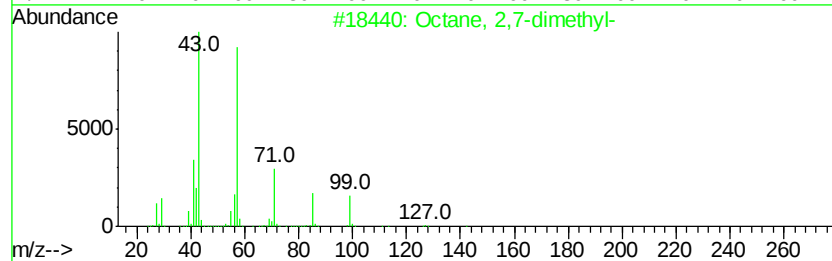
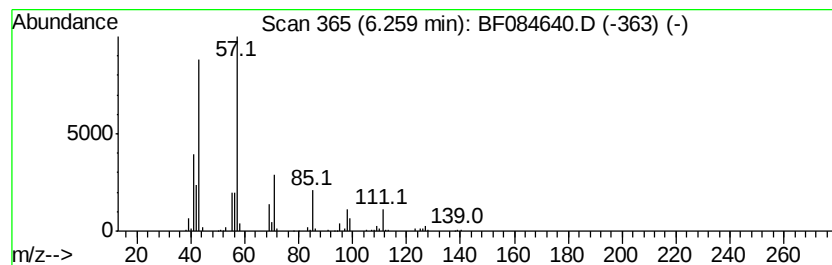
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octane, 2,7-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.26	9.82 ng	1158160	1,4-Dichlorobenzene-d4	6.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	59
2			Nonane, 2-methyl-	142	C10H22	000871-83-0	59
3			Octadecane, 6-methyl-	268	C19H40	010544-96-4	50
4			Nonane	128	C9H20	000111-84-2	50
5			1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	40



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012916\
Data File : BF084640.D
Acq On : 29 Jan 2016 17:09
Operator : SJ/IZ
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ClientSampleId :
SUP-B016(12.5-13)

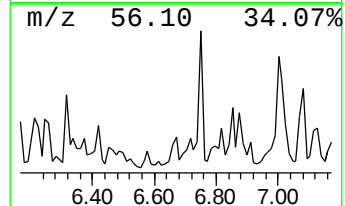
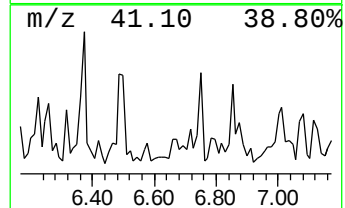
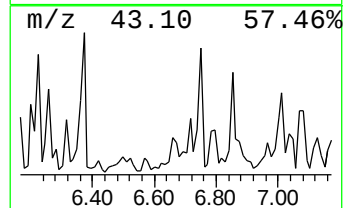
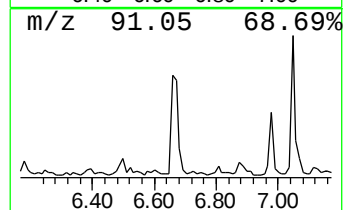
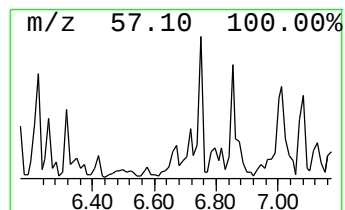
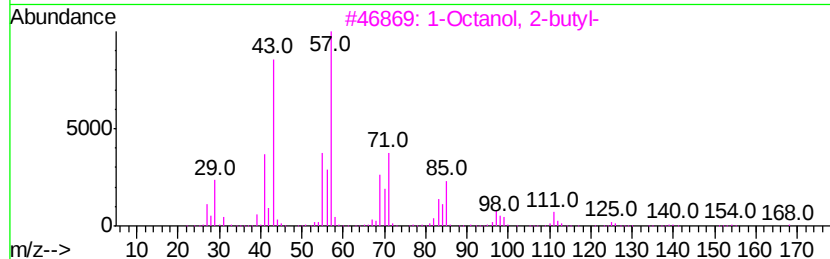
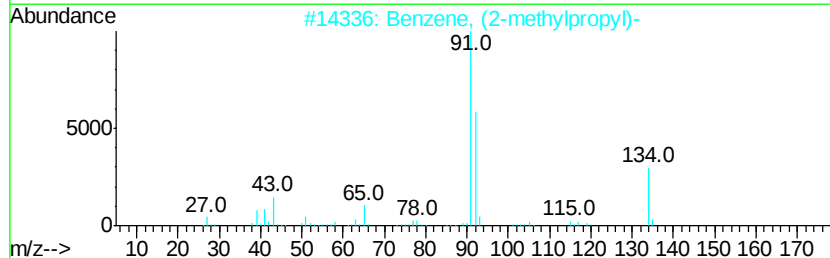
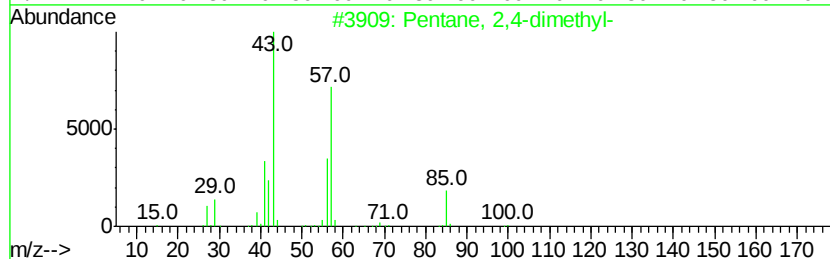
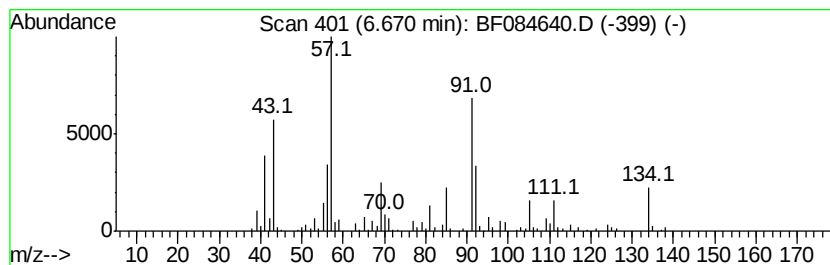
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown6.67 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	8.54 ng	1007160	1,4-Dichlorobenzene-d4	6.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	35
2			Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	35
3			1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	32
4			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	22
5			Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012916\
Data File : BF084640.D
Acq On : 29 Jan 2016 17:09
Operator : SJ/IZ
Sample : H1257-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

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ClientSampleId :
SUP-B016(12.5-13)

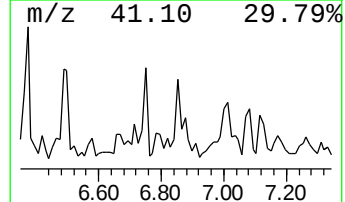
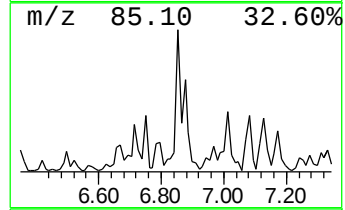
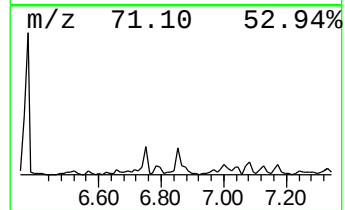
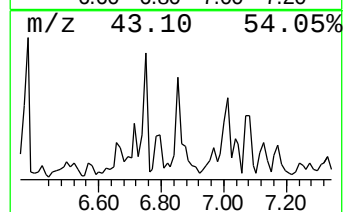
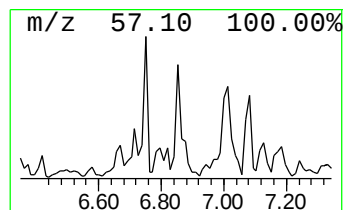
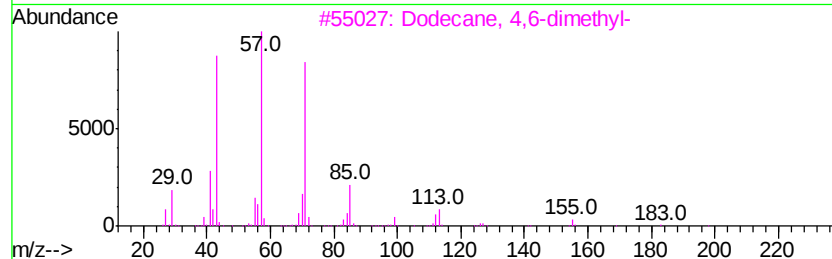
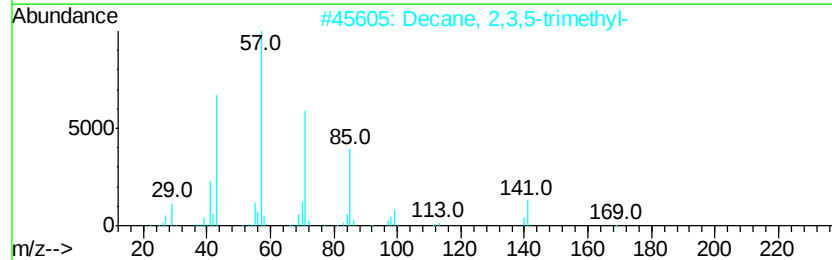
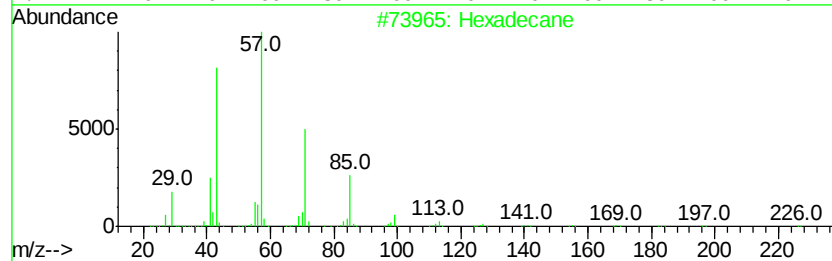
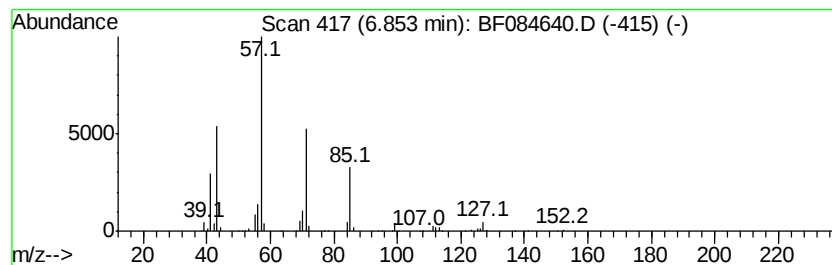
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Hexadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.85	9.38 ng	1106230	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	78
2		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72
3		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64
4		Tridecane, 6-methyl-	198	C14H30	013287-21-3	64
5		Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012916\
Data File : BF084640.D
Acq On : 29 Jan 2016 17:09
Operator : SJ/IZ
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Misc :
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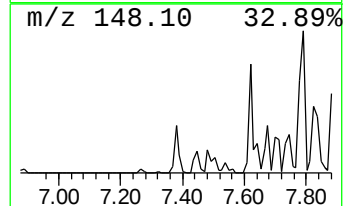
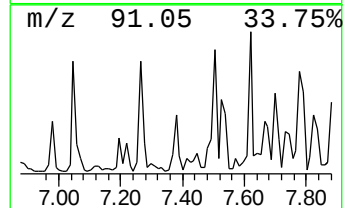
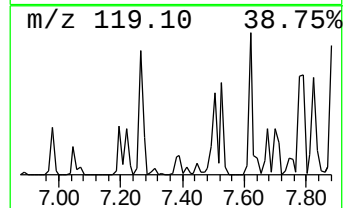
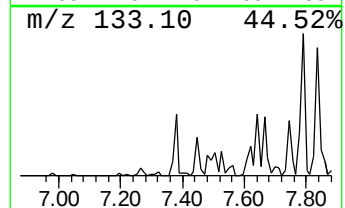
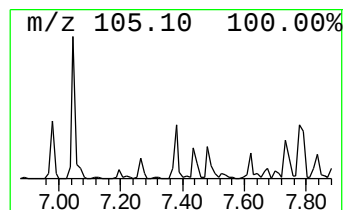
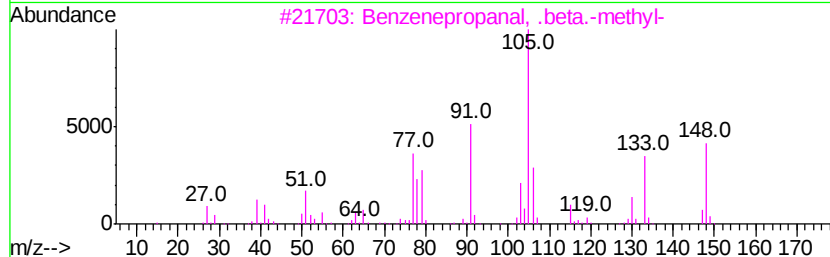
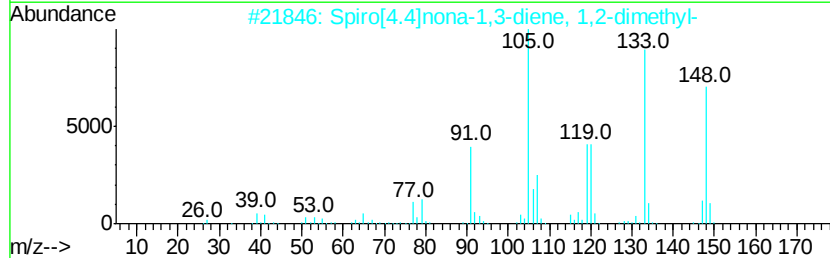
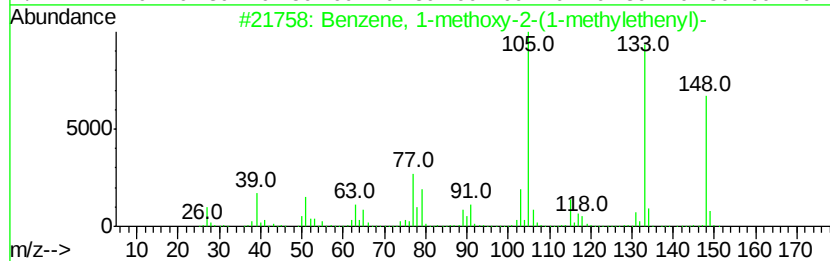
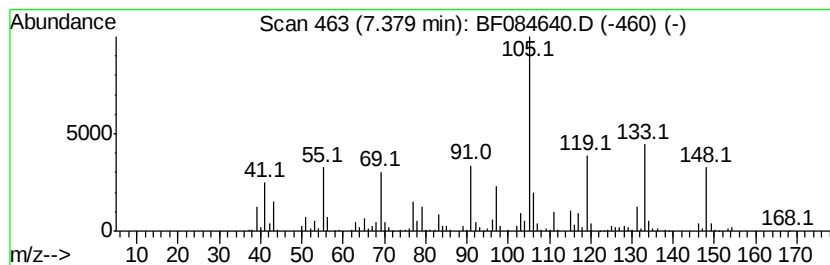
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown7.38 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.38	8.96 ng	914754	Naphthalene-d8	8.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methoxy-2-(1-methylet...	148	C10H12O	010278-02-1	38
2		Spiro[4.4]nona-1,3-diene, 1,2-di...	148	C11H16	1000163-57-6	35
3		Benzenepropanal, .beta.-methylv-	148	C10H12O	016251-77-7	30
4		3-Buten-2-ol, 4-phenyl-	148	C10H12O	017488-65-2	27
5		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012916\
Data File : BF084640.D
Acq On : 29 Jan 2016 17:09
Operator : SJ/IZ
Sample : H1257-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SUP-B016(12.5-13)

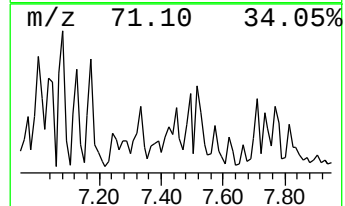
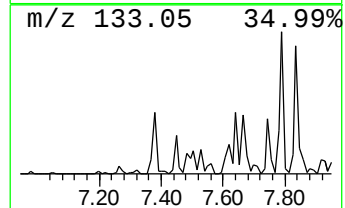
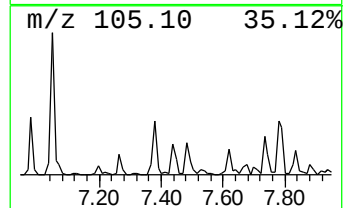
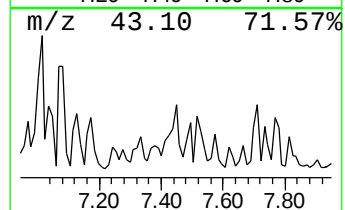
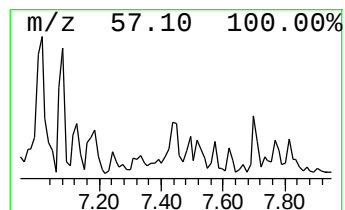
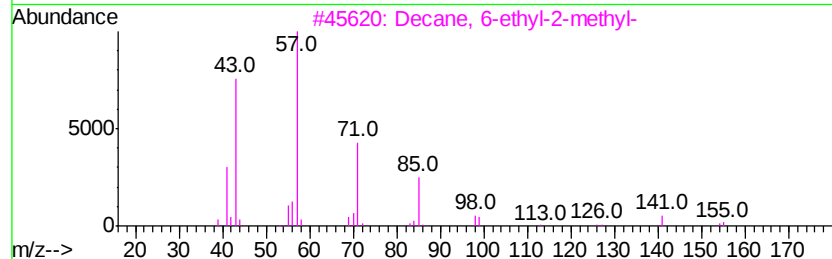
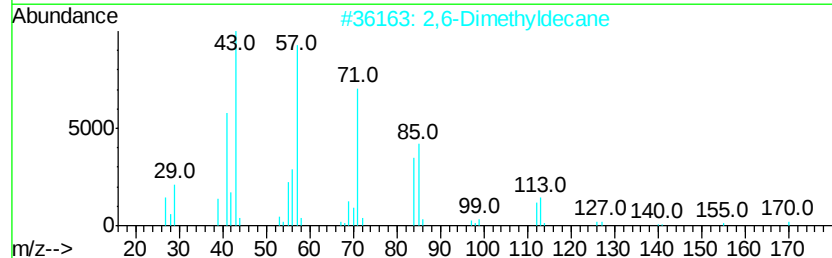
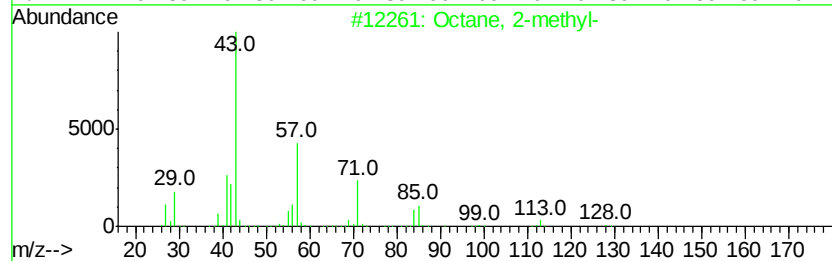
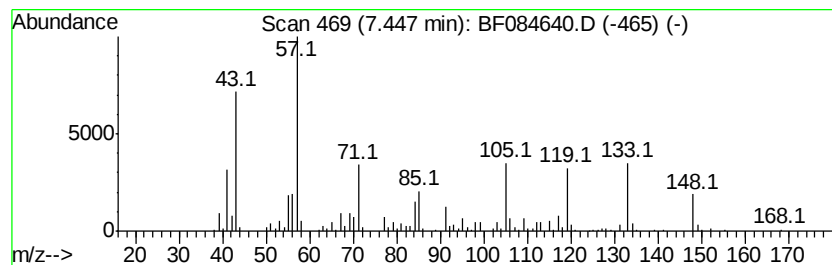
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown7.45 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.45	9.97 ng	1017550	Naphthalene-d8	8.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2-methyl-	128	C9H20	003221-61-2	30
2		2,6-Dimethyldecane	170	C12H26	013150-81-7	27
3		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	27
4		1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	27
5		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	27



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012916\
Data File : BF084640.D
Acq On : 29 Jan 2016 17:09
Operator : SJ/IZ
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Misc :
ALS Vial : 18 Sample Multiplier: 1

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ClientSampleId :
SUP-B016(12.5-13)

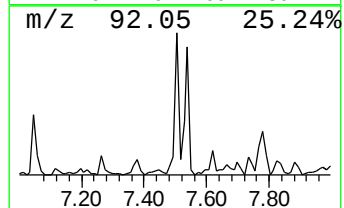
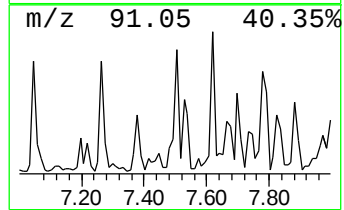
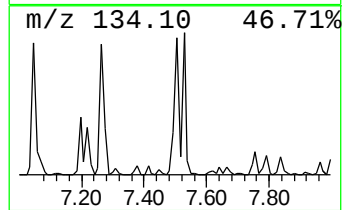
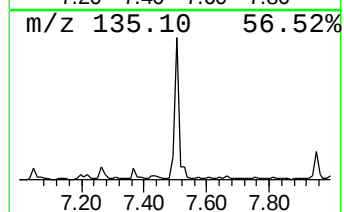
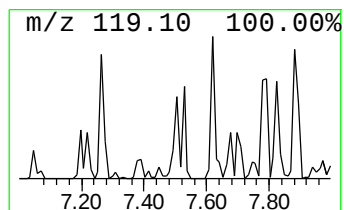
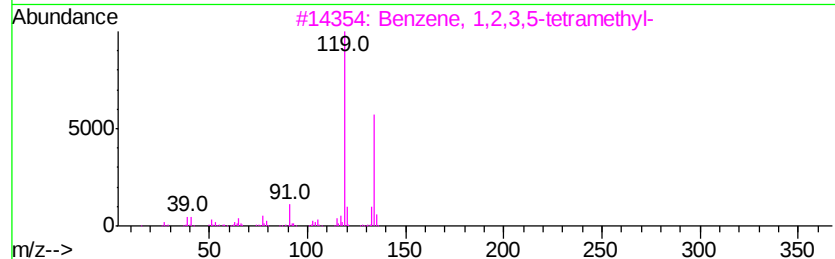
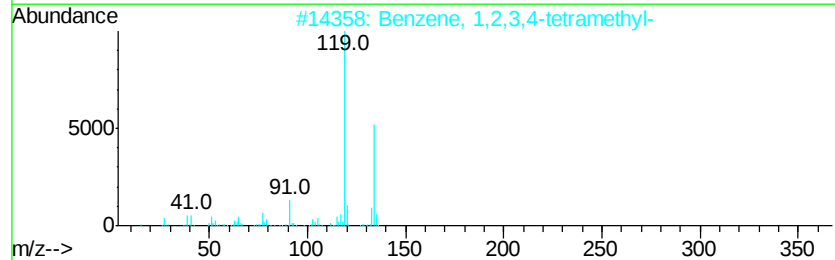
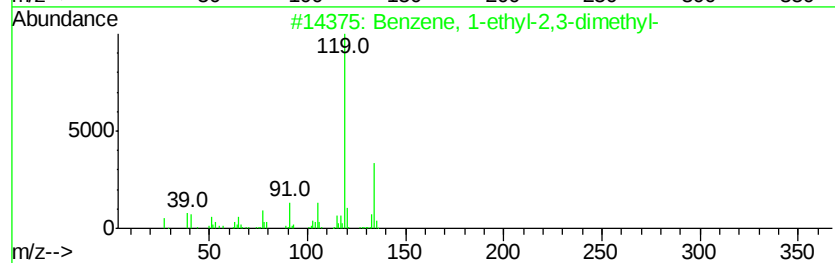
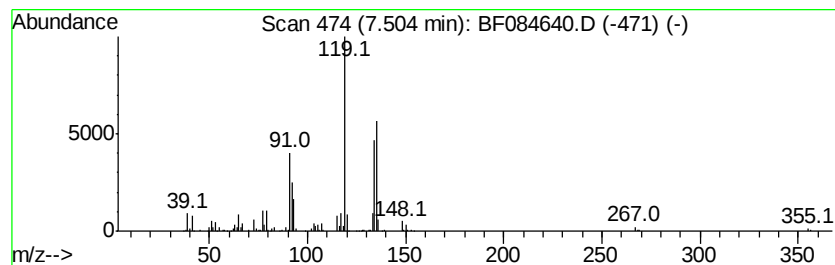
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	11.24 ng	1147250	Naphthalene-d8	8.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	64
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	64
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	64
4		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
5		Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	60



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012916\
Data File : BF084640.D
Acq On : 29 Jan 2016 17:09
Operator : SJ/IZ
Sample : H1257-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SUP-B016(12.5-13)

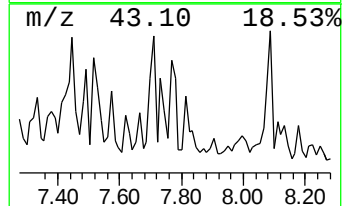
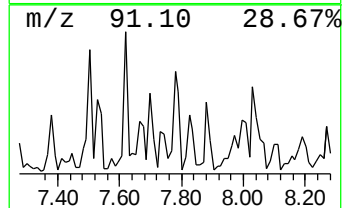
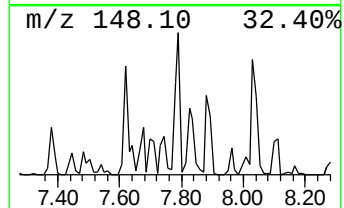
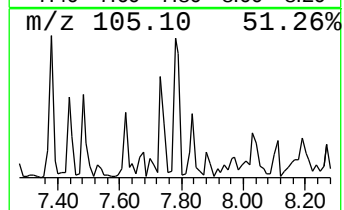
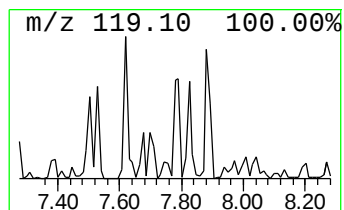
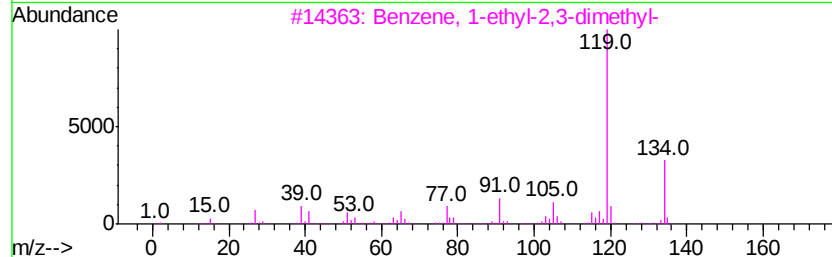
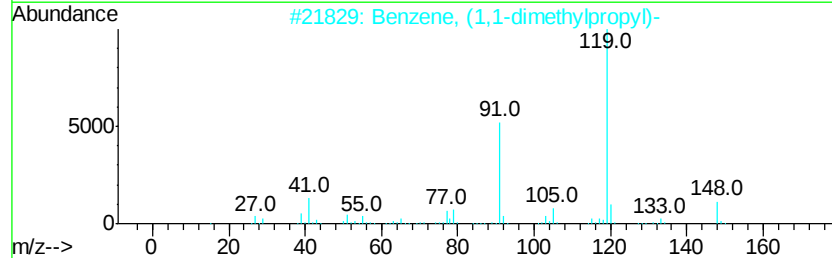
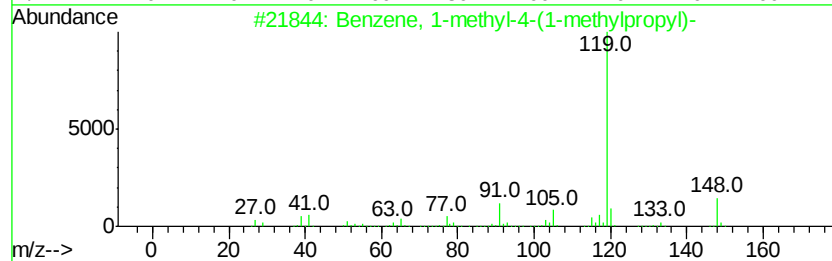
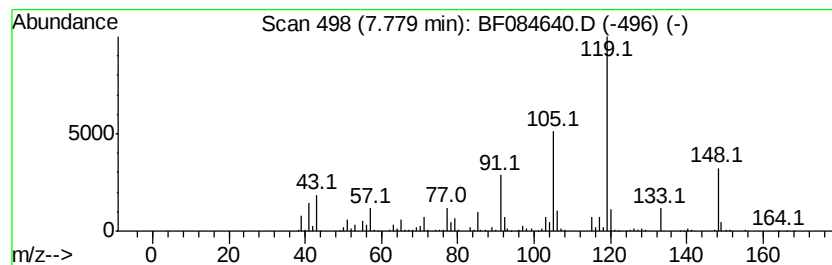
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzene, 1-methyl-4-(1-meth... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.78	11.52 ng	1175860	Naphthalene-d8	8.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	81
2		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	64
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	53
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	50
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012916\
Data File : BF084640.D
Acq On : 29 Jan 2016 17:09
Operator : SJ/IZ
Sample : H1257-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B016(12.5-13)

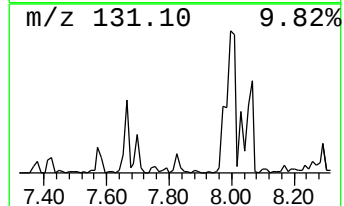
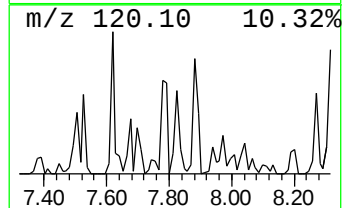
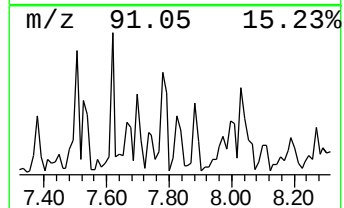
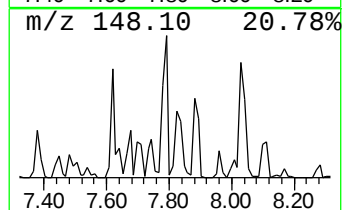
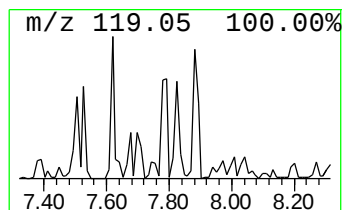
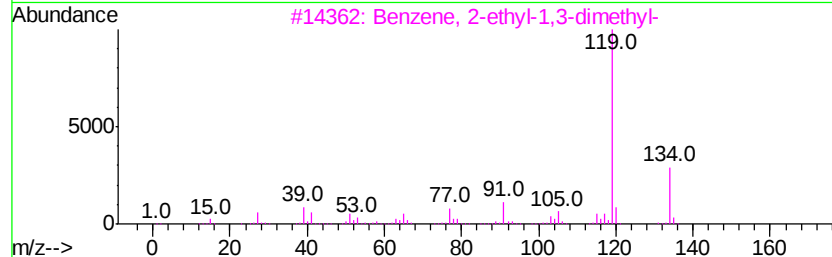
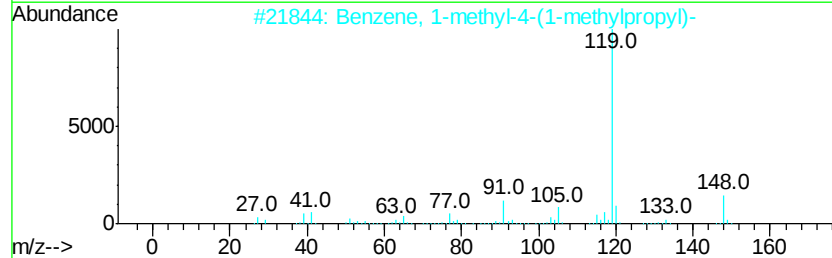
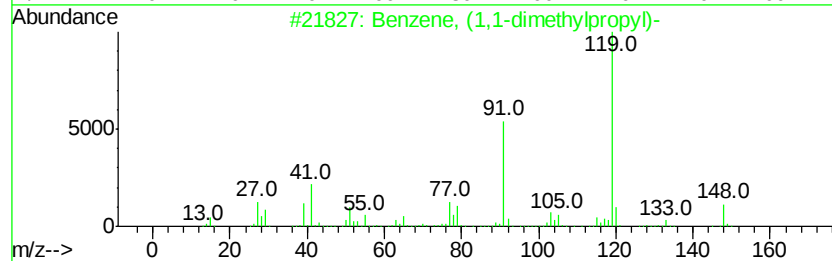
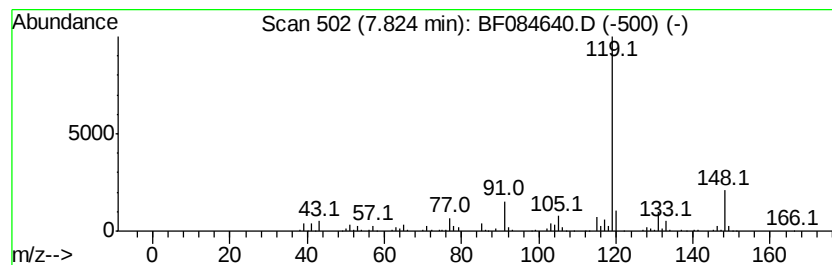
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzene, (1,1-dimethylpropyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	8.86 ng	903792	Naphthalene-d8	8.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	87
2		Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	87
3		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	76
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64
5		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012916\
 Data File : BF084640.D
 Acq On : 29 Jan 2016 17:09
 Operator : SJ/IZ
 Sample : H1257-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B016(12.5-13)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.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
unknown4.81	4.81	15.5	ng	1832270	1	6.73	2358570	20.0
2-Pentanone, 4-hy...	4.90	54.9	ng	6474350	1	6.73	2358570	20.0
unknown5.09	5.09	10.6	ng	1249040	1	6.73	2358570	20.0
Cyclohexane, 1-et...	5.55	9.6	ng	1127370	1	6.73	2358570	20.0
Cyclohexane, 1-et...	5.72	16.3	ng	1921650	1	6.73	2358570	20.0
unknown5.78	5.78	10.8	ng	1271040	1	6.73	2358570	20.0
unknown5.86	5.86	13.5	ng	1595240	1	6.73	2358570	20.0
unknown5.96	5.96	15.2	ng	1796710	1	6.73	2358570	20.0
Decane, 2,5,6-tri...	6.16	9.9	ng	1173430	1	6.73	2358570	20.0
Nonane, 4-methyl-	6.22	10.6	ng	1251200	1	6.73	2358570	20.0
Octane, 2,7-dimet...	6.26	9.8	ng	1158160	1	6.73	2358570	20.0
unknown6.67	6.67	8.5	ng	1007160	1	6.73	2358570	20.0
Hexadecane	6.85	9.4	ng	1106230	1	6.73	2358570	20.0
unknown7.38	7.38	9.0	ng	914754	2	8.01	2041010	20.0
unknown7.45	7.45	10.0	ng	1017550	2	8.01	2041010	20.0
Benzene, 1-ethyl-...	7.50	11.2	ng	1147250	2	8.01	2041010	20.0
Benzene, 1-methyl...	7.78	11.5	ng	1175860	2	8.01	2041010	20.0
Benzene, (1,1-dim...	7.82	8.9	ng	903792	2	8.01	2041010	20.0